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DEPARTMENT OF DEFENSE

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BASE STRUCTURE ANNEX

To

**Manpower Requirements Report
for FY 1980**

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JANUARY 1979

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**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
MANPOWER, RESERVE AFFAIRS AND LOGISTICS**

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BASE STRUCTURE ANNEX
TO
MANPOWER REQUIREMENTS REPORT
FOR
FY 1980

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Prepared By

Office of the Assistant Secretary of Defense
(Manpower, Reserve Affairs and Logistics)

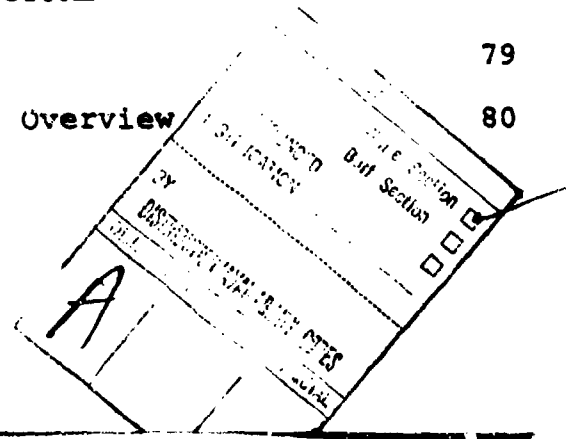
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CHAPTER ONE

INTRODUCTION

The Department of Defense is pleased to submit the third Base Structure Report to the Congress in compliance with Section 302, Public Law 94-361. This report is an Annex to the FY 1980 Defense Manpower Requirements Report (required to be submitted to the Congress each fiscal year under the provisions of Section 138(c) of Title 10, United States Code).

The report should be read and used in conjunction with the following related Department of Defense (DoD) FY 1980 reports which contain information on the DoD forces, personnel, funds, equipment and other resources needed for FY 1980 and beyond:

- Department of Defense Annual Report, Fiscal Year 1980 from the Secretary of Defense.
- The Defense Manpower Requirements Report for FY 1980.
- The Military Manpower Training Report for FY 1980.

I. Reporting Requirement

This report on the DoD Base Structure is required to be submitted to the Congress under the provisions of Section 302, Public Law 94-361 which states as follows:

Paragraph (3) of Section 138(c) of Title 10, United States Code (requiring submission of the annual Defense Manpower Requirements Report), is amended by adding at the end thereof a new sentence as follows: "Such report will also identify, define, and group by mission and by region the types of military bases, installations and facilities and shall provide an explanation and justification of the relationship between this base structure and the proposed military force structure together with a comprehensive identification of base operating support costs and an evaluation of possible alternatives to reduce such costs."

In addition, the report includes information on the historical trends of the base structure and data on the size and population of the installations listed in Section VI of each of the Military Service Chapters as required by Senate Armed Services Committee Report Number 95-129.

II. Content and Organization

This Annex contains a report on the DoD base structure associated with the forces and personnel levels included in the President's Budget for FY 1980. The Annex has been prepared with the intent of providing an understanding of the scope, size and purpose of the base structure as it exists at the present time. The base structure is identified in this report by Military Service and regionally, by bases in the Fifty States, U.S. Territories and Possessions and foreign overseas areas. Listed in the report are installations and activities which can be directly related to the force levels of the Military Services. Installations have been categorized and are discussed on the basis of their primary mission. The categorization of installations is based upon a classification system developed for this report and discussed in the FY 1978 Base Structure Annex. This classification system is depicted on Tables I and II at the end of Chapter One. For the most part, Reserve Centers, Reserve Component weekend training sites and other small properties are not separately identified. Also not included are separate properties used for housing sites, navigational aids, radar sites, etc. In addition to classification of the base structure, as part of the justification and explanation of the base structure, the major unit, activity or purpose of each separately identified installation is provided.

Base operations costs for each Service, as compiled from the DoD budget process, are also identified together with an explanation of actions being taken by the Defense Department to reduce such costs. Proposed actions which affect the base structure and base operations costs are also highlighted and discussed.

The report is organized into five chapters as follows:

Chapter One - INTRODUCTION

This chapter includes an introduction to the report, explanation of the DoD Installation Defense Planning and Programming (IDPP) Categories, the scope, size and real property investment of the entire DoD base structure, and the definition of base operations costs.

Chapters Two to Five - MILITARY SERVICE BASE STRUCTURES

These chapters discuss in detail the relationship of the base structure to the Service force structures; the composition of base operations costs and the programmed expenditures for this area; actions taken to reduce annual base operations costs and the identification of Service installations worldwide categorized by primary mission, function, or activity of the principal installation in accordance with the IDPP Category Classification System. Chapter Two provides the information on the Army base structure, Chapter Three the Navy base structure, Chapter Four the Air Force base structure and Chapter Five the Marine Corps base structure. Each chapter contains the following Sections.

<u>Section</u>	<u>Title</u>
I	Introduction
II	Base Structure Overview
III	Relationship of Base Structure to Force Structure
IV	Base Operations Costs
V	Actions to Reduce Annual Base Operations Costs
VI	Service Base Structure Listing by IDPP Categories and Geographic Area

III. DoD Base Structure

The worldwide DoD base structure for FY 1980 will accommodate an active force of 2,050,000 military and 985,000 civilian personnel and, based upon the latest available data, will consist of 5,672 separate installations and properties. These installations and properties range from the small, one-half acre of land for a navigational aid to the Army's Fort Hood, Texas, one of the largest and most heavily populated installations in the DoD inventory. Table III at the end of this chapter depicts the total DoD properties and installations by Military Department and region (U.S., US Territories and Possessions and foreign overseas areas) at the end of FY 1978.

The worldwide installations and properties under the control of the DoD at the end of FY 1978 amount to 26,704,000 acres of land of varying interests with a total original

real property investment cost of \$47.2 billion. The total acreage and real property investment by Military Department and by region are shown in Table IV at the end of Chapter One.

IV. Regional Classification

The DoD base structure has also been classified by region, which together with the IDPP Category Classification System and the actual location of each military base enables identification of the purpose, region and location of each principal base. The regional classification for the military base structure is based upon the location of the military base in the Fifty States, U.S. Territories and Possessions or foreign overseas areas.

V. Categorization of Military Installations

The four Military Services, in the following chapters, have identified and grouped their principal installations and associated important properties using the IDPP Category and regional classification systems developed for this report. Each such installation is identified by name, location of nearest city, State, county or area, and its major unit, activity or function. Within each IDPP Category grouping, the installations are listed by regional location (Fifty States, U.S. Territories and Possessions, and foreign overseas areas). A narrative explanation and justification by IDPP Category of the base structure in relation to the force levels is also presented in each of the following four Military Services Chapters. The installation listings in the Military Service Chapters have been expanded from the original report to more accurately reflect the total Department of Defense base structure. The Senate Armed Services Committee requires that information on the size and population of the installations be included. Accordingly, to meet this requirement, a ranking column is included in the listings in Section VI of each of the Military Service Chapters for the "total personnel" and the land area which indicates the rank of the installation in descending order within each IDPP category for these data. Two categories of population data are depicted on the listings. The total authorized full time assigned (AFTA) military and civilian personnel represent the basic installation population. Added to this population are the appropriated fund financed contractor personnel assigned to the installation, the average daily student load, if applicable, and a daily equivalent Reserve Component training load, as appropriate, to result in the "total personnel" at the installation. This latter figure more accurately reflects the installation population workload. Both the population and land area data in the listings are for the end of the latest available fiscal year.

Table VII contains a summary, by IDPP category and by regional classification, of the number of installations, activities and properties listed in Section VI of each of the Military Service Chapters. This table, as do the similar tables in the Military Service Chapters, displays the installations based upon their individual IDPP categories and regional location and not necessarily as they are included in the listings in Section VI of the Military Service Chapters. For example, an associated installation or property may have a different IDPP category from the principal installation with which it is associated and/or be in a different region (i.e., a principal installation in the U.S. may have associated properties located in a U.S. Territory or Possession). A list of the abbreviations used in the listings in Section VI of the Military Service Chapters is included at the end of the Marine Corps listing.

VI. Base Operations Costs

In 1977, the Senate Appropriations Committee directed that the DoD establish a uniform definition for base operating support functions and costs. This requirement was endorsed by the Senate and House Appropriations Conference Report on the FY 1978 Defense Appropriations Act. The uniform definition of BOS has been developed and the Military Services have used it to provide the information on base operating support costs required for this report. It should be noted that the Base Operations Costs included in the report are for all installations and properties in the real property inventory not just for those listed in Section VI of the Military Service Chapters. Table VI contains a summary of the Department of Defense base operations costs for this report reflecting the total of these costs included in each of the Military Service Chapters. The uniform definition of BOS follows:

DEFINITION OF BASE OPERATING SUPPORT (BOS) COSTS

1. Purpose

Base operating support (BOS) costs have been defined in such a way that all overhead functions which do not directly contribute to the mission accomplishment of combat units and tenants on Department of Defense (DoD) installations, activities and facilities are classed as BOS. It must be appreciated that all DoD resources ultimately contribute to the Defense mission. Nevertheless, in order to identify those functions which the Department considers to be the overhead costs of its base structure, it was necessary to make a distinction. A common definition of BOS enables the Military Departments

and Agencies to report consistent data on base operating support costs to the Secretary of Defense, the Congress, and other organizations, as required.

The uniform definition of BOS differs from the program element structure upon which the Five Year Defense Plan (FYDP), the Defense Budget and other similar documents are based. Program elements reflect the way in which the DoD organizes and manages resources, and do not lend themselves to requirements of the Congress when reviewing BOS in total. The intent of establishing a uniform definition of BOS was not to change organizational arrangements to fit the definition, but the development of new functional categories within the current DoD financial system.

The uniform definition of BOS does not differentiate between fixed, semi-variable and variable costs. Therefore, financial reports based on the definition will not indicate potential savings, for example, from base realignments. Potential savings, therefore, can be determined only through case-by-case studies of specific base realignment proposals.

2. Definition

The term "base operating support costs" refers to resources used at DoD installations, activities and facilities to provide services so that operational units and tenants can pursue mission objectives free of unrelated responsibilities. The services listed below are considered BOS regardless of whether they are incurred: by the installation commander; by an activity or an installation which is not part of the installation organization (medical, commissary, etc.); by a subinstallation; by a separate facility; or by activities controlled by a central authority. In addition, this definition of BOS applies regardless of whether or not the installation (or activity) commander is responsible for planning, programming, budgeting, expending and/or accounting for the costs involved in these services. In other words, these services are considered BOS regardless of what organizational entity is responsible for the funds, manpower, and equipment needed to perform the function.

The BOS services fall into four broad categories:

Facility services to maintain land, plant and equipment.

Administrative services to accomplish clerical functions and increase efficiency.

Specific services to consolidate common type functions, increase efficiency and to insure a safe and habitable work place.

Community support services to maintain morale, welfare, recreation and to provide programs associated with military life and required by law.

The resources include expenses for both military and civilian manpower and both direct and reimbursable appropriated funds (regardless of source), but exclude nonappropriated expenses which are not a cost to the Government Appropriations/funds which pay for recurring costs are operation and maintenance, military personnel (active, Reserve and Guard), RDT&E, family housing, industrial funds and installation schools. Nonrecurring costs for facilities and equipment to perform base operating support functions are generally funded by military construction and procurement appropriations. The definition includes all family housing costs but excludes BAQ payments. Future refinements of the definition may consider changes such as these payments.

3. BOS Functional Categories

Each category of BOS service includes the following functional costs:

Facility Services:

Maintenance and Repair of all Real Property

- Buildings
- Other Facilities
- Pavements (roads, parking areas, etc.)
- Land (grounds)
- R.F. Trackage

Minor Construction (with other than military construction funds).

Operation of Utilities for all Real Property.

Other Engineering Support (excludes rentals, fire protection).

- Custodial Services
- Entomology Services
- Refuse Collection and Disposal
- Snow Removal and Ice Alleviation

Rental of all Real Property except payments for GSA controlled space (includes cost of lease and all utilities and services).

Standard Level User Charges (SLUC) paid for GSA controlled space.

Special user service charges paid for GSA controlled space (includes annual recurring and one time costs for alterations of space).

Land Management.

Support Groups/Units Assigned to these functions.*

Related Investment.**

Administrative Services:

Installation Headquarters Administration and Command (including squadron level responsible for Base Operations)

Installation Comptroller

- Accounting and finance
- Budget
- Management analysis/engineering
- Internal review

Installation ADP services

Installation Public Information Activities

Installation Legal

Installation Civilian Personnel Administration

Installation Military Personnel Administration

Installation Printing and Reproduction

Installation Safety

Installation Engineering Service

Related Investment**

Support Groups/Units assigned to these functions*

Specific Services:

Installation Audio/Visual

Installation Supply Operations (retail only)

Installation Transportation Activities

Installation Procurement Operations

Installation Training (excludes troop training and tactical exercises)

Fire Protection and Prevention

Installation Physical Security and Police Activities

Installation Communications

Laundry and Dry Cleaning (for troop support and other appropriated fund activities)
Installation Airfield/Air Base Operations (control tower, weather, flight services, etc.)
Installation Storage Activities
Maintenance of Installation Materiel (includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft)
Support Group/Units Assigned to these functions*
Related Investment**

Community Support Services (includes only appropriated fund support)

Operation of Medical Clinics and Dispensaries (excludes regional hospitals)
Operation of Dental Clinics (excludes regional clinics)
Bachelor Housing Operations and Furnishings (management; housing assignment; care of quarters; provision, care, preservation and maintenance of furnishings, etc.)
Retail Commissary Operations
Operations of Troop Issue Commissary for Subsistence
Installation Food Services
Family Housing (FHMA account less reimbursables for other services/facilities already included, i.e., utilities, maintenance and repair of facilities, etc.)
Appropriated Fund Support for Installation Dependent School Operations in U.S.
Morale, Welfare and Recreation Activities
- Clubs
- Messes
- Libraries
- Sports Activities and Operation of Recreational Facilities
- Craft Shops
- Radio
- Television
- Newspapers
Social Action Programs
Community Service Activities
Chaplain Activities
Bands
Support Groups/Units assigned to these functions*
Related Investment**

*Also includes resources used by groups/units assigned to specific BOS tasks on an ad hoc basis such as engineer/Red Horse/SeaBee units assigned to repair/construction facilities, roads, parking areas; etc., even if the work is classified a military unit training project.

**Investment costs include the total authorized construction program for each fiscal year, as well as expansion, extension, and renovation of facilities with military construction funds. Investment also includes the costs to procure equipment needed to perform the functions in each category of service.

VII. Conclusion

In conclusion, the base structure is a dynamic element of the DoD force posture and has evolved over time to its present composition and size. Changing forces, wartime scenarios, resource availability, technology and many other factors influence its size and composition. In addition, the DoD constantly undertakes reviews to improve the management and efficiency of the base structure. In all these actions, DoD has the objective of establishing the most effective, efficient and economic base structure to meet current and projected peacetime, contingency and mobilization requirements. Table V at the end of this chapter depicts the summary of the announced base realignment actions taken by the DoD since 1969 towards this objective.

TABLE I

DEPARTMENT OF DEFENSE BASE STRUCTURE ANNEX
INSTALLATION DEFENSE PLANNING AND PROGRAMMING (IDPP) CATEGORY CLASSIFICATION

SUPER PLANNING AND PROGRAMMING CATEGORIES	CLAN DEFENSE PROGRAMS										14 SPT OF OTHER NATIONS
	O1 STRATEGIC	O2 GENERAL PURPOSE	O3 INTELL & COMINT	O4 ARMY/ NAVY	O5 SUBS & RESERVE	O6 RESEARCH & DEVELOP	O7 CENTRAL HQS & BRANCH	O8 TRAINING RESEARCH & SIN PER	O9 ADMIN & ASSOCIATED		
1 GENERAL PURPOSE FORCES	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE		
2 GENERAL PURPOSE FORCES	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE		
3 GENERAL PURPOSE FORCES	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE		
4 GENERAL PURPOSE FORCES	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE		
5 GENERAL PURPOSE FORCES	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE		
6 GENERAL PURPOSE FORCES	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE	STRAIT ARMY STRAIT NAVY STRAIT AIR STRAIT MARINE		

PROGRAMS SUBJECT TO REVIEW

TABLE II
INSTALLATION DEFENSE PLANNING
AND PROGRAMMING (IDPP) CATEGORIES

<u>IDPP</u>	<u>CATEGORY</u>
101	Strategic Forces - Strategic
103	Strategic Forces - Intelligence and Communications
105	Strategic Forces - Guard and Reserve
106	Strategic Forces - Research and Development
202	General Purpose Forces - General Purpose
203	General Purpose Forces - Intelligence and Communications
204	General Purpose Forces - Airlift/Sealift Forces
205	General Purpose Forces - Guard and Reserve
206	General Purpose Forces - Research and Development
303	Auxiliary Forces - Intelligence and Communications
305	Auxiliary Forces - Guard and Reserve
306	Auxiliary Forces - Research and Development
307	Auxiliary Forces - Central Supply and Maintenance (Eastern Test Range)
401	Mission Support Forces - Strategic
402	Mission Support Forces - General Purpose
403	Mission Support Forces - Intelligence and Communications
404	Mission Support Forces - Airlift/Sealift Forces
405	Mission Support Forces - Guard and Reserve
502	Central Support Forces - General Purpose
503	Central Support Forces - Intelligence and Communications
505	Central Support Forces - Reserve and Guard
506	Central Support Forces - Research and Development
507	Central Support Forces - Central Supply and Maintenance
508	Central Support Forces - Training, Medical and Other Personnel)
509	Central Support Forces - Administration and Associated Activities
601	Individuals - Strategic
602	Individuals - General Purpose
603	Individuals - Intelligence and Communications
604	Individuals - Airlift/Sealift Forces
605	Individuals - Guard and Reserves
608	Individuals - Training, Medical and Other Personnel

TABLE III

DEPARTMENT OF DEFENSE
MILITARY PROPERTY SUMMARY
30 SEPTEMBER 1978

	<u>FIFTY STATES</u>	<u>U.S. TERRITORIES AND POSSESSIONS</u>	<u>FOREIGN OVERSEAS AREAS</u>	<u>TOTAL</u>
ARMY	1,301 <u>2/</u>	31	922	2,254
NAVY <u>1/</u>	616	23	60	699
AIR FORCE	<u>2,136</u>	<u>26</u>	<u>557</u>	<u>2,719</u>
TOTAL	4,053	80	1,539	5,672

1/ Includes Marine Corps

2/ Includes those properties in the inventory declared excess.

TABLE 24
DEPARTMENT OF DEFENSE
REAL PROPERTY HOLDINGS
30 SEPTEMBER 1978

(MILLIONS OF ACRES)

	<u>FIFTY STATES</u>	<u>U.S. TERRITORIES AND POSSESSIONS</u>	<u>FOREIGN OVERSEAS AREAS</u>	<u>TOTAL</u>
ARMY	11.703	.162	.430	12.295
NAVY 1/	3.330	.075	.252	3.657
AIR FORCE	<u>9.234</u>	<u>.042</u>	<u>1.476</u>	<u>10.752</u>
TOTAL	24.267	.279	2.158	26.704

REAL PROPERTY INVESTMENT
30 SEPTEMBER 1978

(\$ MILLIONS)

ARMY	\$13,612	\$ 436	\$ 679	\$14,727
NAVY 1/	11,799	826	1,456	14,081
AIR FORCE	<u>15,517</u>	<u>473</u>	<u>2,377</u>	<u>18,367</u>
TOTAL	\$40,928	\$1,735	\$4,512	\$47,175

1/ Includes Marine Corps

TABLE V
SUMMARY OF ANNOUNCED INSTALLATION AND ACTIVITY
REALIGNMENT AND CLOSURE ACTIONS (EXCLUDING SVN AND THAILAND)
JANUARY 1969 Thru DECEMBER 1978

FIFTY STATES AND PUERTO RICO				ANNUAL SAVINGS (\$ Mil)
SERVICE	NO. OF ACTIONS	POSITIONS ELIMINATED		
		MIL	CIV	
ARMY	917	75,652	74,816	1,505.2
NAVY	1,316	146,997	70,780	1,580.9
AIR FORCE	873	93,786	44,347	1,502.7
DEFENSE	180	2,065	10,280	114.3
TOTAL	3,286	318,500	200,223	4,703.1
OVERSEAS				
ARMY	151	29,220	29,097	476.2
NAVY	146	5,140	14,594	90.5
AIR FORCE	86	29,489	8,053	309.8
DEFENSE	10	62	4	0.6
TOTAL	393	63,911	51,748	877.1
WORLDWIDE				
ARMY	1,068	104,872	103,913	1,981.4
NAVY	1,462	152,137	85,374	1,671.4
AIR FORCE	959	123,275	52,400	1,812.5
DEFENSE	190	2,127	10,284	114.9
TOTAL	3,679	382,411	251,971	5,580.2

TABLE VI

SUMMARY OF MAJOR DEFENSE PROGRAMS
BASE OPERATIONS COSTS (\$ Millions)
DEPARTMENT OF DEFENSE

MAJOR DEFENSE PROGRAMS	FIFTY STATES	US TERRITORIES AND POSSESSIONS	FOREIGN OVERSEAS AREAS	TOTAL
Strategic (01)	1,416.8	37.0	80.0	1,533.8
General Purpose (02)	3,433.7	147.4	3,238.5	6,819.6
Intelligence & Communications (03)	230.5	12.7	137.9	381.1
Air/Sealift (04)	506.0	-	51.0	557.0
Guard & Reserve (05)	547.9	-	-	547.9
Research & Development (06)	598.1	-	2.4	600.5
Central Supply & Maintenance (07)	1,500.6	6.6	47.3	1,554.5
Training, Medical & Other Personnel (08)	2,914.2	24.1	348.3	3,286.6
Administration & Association (09)	296.2	-	30.0	326.2
Support of Other Nations (10)	-	-	-	-
TOTALS	11,444.0	227.8	3,935.4	15,607.2

TABLE VII

SUMMARY OF NUMBER OF DEPARTMENT OF DEFENSE INSTALLATIONS, ACTIVITIES AND PROPERTIES

<u>Mission Category</u> (3DPPC)	<u>Fifty States</u>	<u>U.S. Territories and Possessions</u>	<u>Foreign Areas</u>	<u>Total</u>
STRATEGIC FORCES				
- Strategic (101)	67	1		68
- Intell. & Comm. (103)	1			1
- Guard & Reserve (105)	8			8
- Research & Develop. (106)	7	6		13
GENERAL PURPOSE FORCES				
- General Purpose (202)	130	13	198	341
- Airlift/Sealift (204)	22		6	28
- Guard Reserve (205)	148	2		150
AUXILIARY FORCES				
- Intell. & Comm. (303)	31	5	21	57
- Research & Develop. (306)	74	1	1	76
- Central Supply & Maint. (307)	2			2
MISSION SUPPORT FORCES				
- Strategic (401)	2			2
- General Purpose (402)	45	5	22	72
CENTRAL SUPPORT FORCES				
- Central Supply & Maint. (507)	166	5	26	197
- Training, Medical & Other Personnel (508)	146	1	14	161
- Administration (509)	1			1
TOTAL DOD	850	39	288	1177

CHAPTER TWO

ARMY BASE STRUCTURE

I. INTRODUCTION

The Army Base Structure Chapter to the Manpower Requirements Report for FY 1980 is submitted in compliance with Section 302, PL 94-361, as amended by Senate Armed Services Committee Report No. 95-129. This chapter is comprised of five basic sections. Section I, Introduction. Section II, Base Structure Overview, discusses historical data on the base structure and related manpower trends, outlines the factors which have influenced the Army's base structure from World War II to the current date, and details the criteria expected to apply to installation planning for the next 20 years. Section III relates the needs of the major activities within each Installation Defense Planning and Programming Category (IDPPC) to the current base structure. Major changes to the FY 1980 base structure are also described. Section IV gives a breakdown of projected Army Base Operations Costs (BOC) for FY 1980. Section V summarizes recent major actions taken to reduce BOC and outlines criteria which would apply to such actions in the future.

It should be noted that many large installations have multiple missions and that primary missions shown in Section VI are not necessarily all-inclusive. For instance, Fort Belvoir, Virginia, in addition to being the site of the US Army Engineer Center and School, also has the Defense Systems Management College, US Army Mobility Equipment Research and Development Command, US Army Night Vision Laboratory, and US Army Topographic Laboratory as major tenants. Similarly, Fort Knox, Kentucky, supports the Armor School, an Army Training Center, and a major combat unit.

Section VI consists of the listing of the installations, activities and properties comprising the base structure. The listing is arranged by IDPP category by geographical area (U.S., U.S. Territories and Possessions, and Foreign areas). In addition, a ranking column is included for the "total personnel" and the land area which indicates the rank of the installation in descending order within each IDPP category for these data.

II. BASE STRUCTURE OVERVIEW

Army missions involve the accomplishment of a wide variety of functions requiring both general and specialized accommodations. The facilities required to support the Army vary from administrative office space to laboratories, to production plants, to proving grounds, to supply and maintenance depots, to troop installations with tens of thousands of acres of firing ranges, impact areas, and training/maneuver areas.

The Army's base structure since the end of World War II has undergone constant change as the force structure has expanded and contracted and technological advances have created longer-ranged, more powerful weapons, with their concomitant changes in organization and tactics. The logistics base structure has also undergone change as improvements in storage, distribution, maintenance, and transportation systems have permitted reduction in the total number of depot activities; while greater reliance on the private sector for supplies and equipment has resulted in a reduction of the number of industrial type facilities.

At the end of FY 1968, the Army had a total of 1,499 real property holdings in the United States ranging from small radio transmitter sites and US Army Reserve Centers with less than 5 acres of land area to large multi-mission installations with several hundred thousand acres of land area. These holdings were required to be maintained for support of an active Army military strength of about 1.6 million (of which about 1.0 million were stationed in the United States) and a Reserve Component military strength of about 0.7 million. At the end of FY 1978 the downward trend in base structure had decreased to 1,249 real property holdings (excluding those holdings still on Army property books that have been reported as excess to military requirements). Military strength had decreased to about 0.8 million active Army personnel (of which about 0.5 million were stationed in the United States) and a Reserve Component military strength of about 0.6 million.

This downward trend in base structure has been characterized by a relatively constant reduction in Army installations over the years and a balanced decrease in training and headquarters, depot and industrial type installations.

Some installation requirements are relatively fixed because they support more stable missions such as service schools, research and development activities, materiel testing, and specialized depot activities. Missions at these installations may be modified due to technological changes; however, the need for the installations and the continuing modernization of their physical plants remains. On the other hand, the Army has other missions which are subject to larger variations and which, at one time, may generate additional requirements, and, at another time, reduce requirements for active installations. Examples are training centers for initial entry training, aviation training facilities, production facilities, administrative space to support specialized activities, and troop unit installations.

The installation structure today is considerably smaller than that which existed prior to the Vietnam War. For the most part, the Vietnam build-up was supported by expansion of facilities at existing active installations, use of the same installation by more than one deploying unit, backfill of installations vacated by deploying units with other activities, and two shift operations.

The Army is basically tied to its existing installations to support its current and projected force structure levels. The land area acquired prior to, during, and after World War II, coupled with the substantial investment in permanent facilities over the past 30 years, has resulted in a considerable physical plant.

The base structure of the Army today is constantly being reviewed with the objective of optimizing it. Section V lists several installations under consideration for reduction or closure. At the same time, the possibility exists of future redeployment of overseas forces back to the continental United States (CONUS). Accordingly, some flexibility must be maintained to accommodate this possibility.

Under present conditions, there is an apparent shortage of training/maneuver area at several of our Army division installations to satisfy present-day training requirements. There are installations where firing of the main tank guns, artillery weapons, and aircraft flight corridors have caused communities to complain because of noise and air pollution. There are installations where the cantonment areas are bounded on two and three sides by developing communities and perimeters are exposed to residential and/or commercial/industrial

encroachment. There will be population growth and shift over the next 20 years which could hamper installation major expansion programs. Based on these factors, realignment or expansion of the present training/maneuver area may be impaired or precluded in the future.

The following factors will govern Army installation planning for the next 20 years:

1. The concentration of US population is projected to shift toward the southern and western states. Army bases in these areas generally offer the largest areas for training, are most suited for rapid expansion by temporary facilities, and up to now were in the less populated areas of CONUS. The presence and particularly the expansion of Army bases spawn corresponding increases in civilian communities immediately adjacent to the installations. Modern military weapons systems are characterized by longer range, greater lethality, increased support requirements, and higher mobility. These characteristics require larger areas for training/maneuver and firing ranges which, in turn, lead to the following general conclusions:

a. The establishment of a military installation is usually in a relatively open area; but the act of establishing attracts people, building, business, and this, in time, restricts expansion.

b. The smaller bases, constrained in growth, will become increasingly less usable for testing, training, and firing purposes, and hence probably relegated to administrative, logistical, headquarters-type activities and less demanding functions in terms of space requirements.

c. Current Army bases in the southern states, as compared with those in the northern states, will become relatively more valuable and more restricted in expansion with time.

d. In light of land scarcity and real estate values, future land requirements must be identified and the rights acquired as soon as possible.

2. Commercial pressures on military installations are varied. As values of land increase, commercial interests increase pressures for acquisition of installation property. On the other hand, as installations seek to reduce or close operations, various pressures argue

for the status quo. Commercial interests seek advantages from the post in construction, grazing rights, consessions' operating rights, employment and off-post business; at the same time, many oppose traditional military services and facilities which may compete with private business.

3. While a form of national consensus exists in favor of Defense economy and efficiency, a concrete Army proposal for a base reduction or closure in the interest of economy and efficiency is almost certain to meet considerable protest from local interests expressed through their elected representatives at all levels. This is primarily inspired by fears of adverse impact on the local economy, although other issues are also raised. A significant issue raised during these exchanges in recent years is the concept of a regional entitlement to at least some Defense presence. While proponents of this concept have some good points, Defense is not a regionally oriented activity and cannot be considered as such.

4. In addition to environmental related pressures, such as encroachment on wildlife sanctuaries and meeting the same water and air pollution standards as other activities, military installations by their activity have peculiar environmental related pressures. By virtue of normal training, noise, air pollution, water pollution, and wildlife concerns are common to Army bases. Massive vehicles, gun fire, cross-country and round-the-clock maneuvers, and dangerous materials all contribute to these problems.

5. Our major installations are experiencing severe encroachment pressures because of the ever-increasing need for land by the surrounding communities. These pressures are not new but their frequency and momentum are on the rise. The demand for land for residential and industrial purposes is resulting in military installations, originally constructed in rural areas, now finding themselves completely surrounded by civilian activities, which are in some cases incompatible with ongoing military operations. When this happens, the installation, although desirable because of the income it provides, frequently becomes of secondary importance to the community. The income received from the installation also becomes less important as the land values increase to the point where more revenues are realized by civilian development than from the installations. Foreseen in the future is an increasing demand for land in the urban and suburban areas to support civilian needs, thus causing

land values to appreciate. This demand will further increase encroachment problems for the military and increase the demand for private use of Federal land under military control.

Emphasis must be placed on continued improvement of planning toward the future organization, physical structure, modernization, and location of Army installations and activities. These considerations will undoubtedly entail significantly increased costs in both the planning and implementation phases of these actions. Because of various types of contamination at a number of Army installations, such as unexploded ammunition and the exceptionally high cost of cleanup, the Army is in large measure compelled to retain these installations for the foreseeable future. The continuing decrease of undeveloped land demands sophisticated planning both for acquisition and release of Army property.

The preceding broad factors are, in the main, oriented toward retention and/or expansion of the existing Army base structure overall. In the event adjustments are required within the existing structure, due to major force structure changes, mission changes, budget limitations, or other factors, the following specific criteria would, in varying degrees, be applied to future realignment actions..

1. MISSION REQUIREMENTS. The stated or postulated mission requirements of specific activities within the context of the entire force structure should be the principal factors which drive choices between stationing alternatives. They are the baseline against which all other factors must be weighed.

2. BUDGET/MANPOWER CONSTRAINTS. These inseparably related factors are the principal limitation to attaining and maintaining a particular base structure at all levels. They can influence decisions on retention of individual structures or retention of entire installations.

3. COST SAVINGS. A major objective of the Army is to accomplish the assigned mission at the least cost. Where otherwise comparable alternatives exist, the true "least cost," both in terms of dollars and manpower, must be selected. Typically, an installation closure will not produce total savings of its annual base operations costs, as continuing activities will have to be accommodated elsewhere, in-house, or by other means, such as by contract.

4. PERSONNEL TURBULENCE. The adverse impact of military and civilian personnel turbulence must be given consideration because of both the high costs and the adverse effect on morale and productivity.

5. CIVILIAN LABOR MARKET. Many Army missions involve utilization of a highly specialized and unique civilian work force. Many of these people establish deep roots in the local community and are reluctant to dislocate with the transfer of the functions they perform. The lack of an appropriate labor market thus becomes a factor in evaluating proposed realignment actions.

6. FACILITIES/HOUSING AVAILABILITY. Maximum utilization of existing facilities with minimum expenditures for new facilities is a major goal in all realignment actions. This includes both mission-related facilities and support facilities on post, and housing both on post and off post. Large capital investments for replacement facilities militate against relocation of activities which require highly specialized, high-cost facilities, or, in the case of major combat units, large land areas.

7. CAPITAL INVESTED. This factor is the converse of the preceding factor. Having made a large capital investment in facilities at a particular installation, the Army tends to be tied to that installation for the duration of the useful life of the facilities.

8. GEOGRAPHICAL LOCATION. The geographic location influences the ability of assigned forces to execute their mission. Weather, terrain, proximity to air and surface transportation, etc., all contribute to retention of installations which enhance operational effectiveness. Likewise, selection of new installations for stationing must take all of these geographically related factors into account.

9. LAND AREA. The need for adequate and suitable land area to support major combat units and their supporting forces is a major consideration. Bases must be capable of supporting the readiness and deployment of the assigned forces as envisioned in the United States strategy. This requirement often determines which bases will be retained in the active inventory. Where mission compatibility can be achieved, the consolidation of activities at large, multi-mission bases takes precedence over utilization of small, single-mission bases.

10. IMPACT ON OTHER SERVICES/AGENCIES. The Army provides support to many units and activities of the Department of Defense, the other Services, and other Federal agencies. Inherent in any base realignment action is consideration of the impact on those agencies. The personnel turbulence and costs associated with relocating or supporting these type activities are an integral part of any analysis conducted.

11. COMMUNITY IMPACT. Civilian support resources (e.g., community housing, medical, schools, and recreational facilities) are a consideration in developing base realignment actions. Of particular importance is family housing. Areas which have residual capability to adequately house families negate the cost of providing government housing and facilitate rapid completion of the proposed action. Adequate support should exist on or off a gaining installation to avoid a realignment action being counter-productive in terms of morale. Since personnel support capability on our installations is limited, the contribution of the civilian community in this area is important. Conversely, realignment actions, which reduce the Army presence in an area, seriously impact on communities, particularly those in which the major source of economic base is the military installation. When possible, realignment actions are designed to minimize the impact on local communities. Where appropriate, assistance will be provided to local community leaders in their negotiations with the Office of Economic Adjustment, Department of Defense, whose function is to assist communities in reestablishment of an economic base where reduction in Defense expenditures has been severe.

12. ENVIRONMENTAL IMPACT. All actions must be assessed to determine their impact on the environment. Base realignment options must have an initial assessment during the preliminary planning. If significant environmental impact is indicated at either a gaining or losing base, then an environmental impact statement must be prepared in accordance with the National Environmental Policy Act of 1969.

13. RESERVE COMPONENTS SUPPORT. The increased emphasis on utilization of Reserve Component forces to meet future contingency requirements must be considered. Reserve units are generally constituted in areas where there are population resources. Their readiness depends upon availability of adequate local ranges and local training areas. This requires that the range facilities

and training areas not only be of the proper size and configuration, but also that they be within reasonable commuting distance. Readiness is adversely affected by increased commuting time and corresponding decreased training time availability. Concomitantly, personnel job satisfaction is lowered and personnel recruiting and retention rates decreased. Many of our bases, both active and inactive, are used extensively for support of these units, both for weekend training and annual summer training. The impact on these type units is an integral part of any analysis conducted.

14. MOBILIZATION AND CONTINGENCY REQUIREMENTS. The type and number of bases required are determined by the need to be capable of supporting the strategy directed by national policy, the operational and training requirements of the Army, and the retention of sufficient flexibility to support unprogramed increases in troop strengths. Coupled with this is the uncertainty as to when a base might be needed again. The costs of inactivating and reactivating a base can offset savings derived from its closure.

15. ENCROACHMENT. Urban and airspace encroachment into vital areas surrounding installations is of continuing concern. Some installations which were originally remote have attracted major population growth and, as a result, continued operations have been threatened through urban expansion. Civilian aviation activity has served to restrict the airspace available for military operations. Encroachment, therefore, is an element in determining the future viability of an installation. It is also possible that major weapons changes may bring about encroachment "from within." For example, ranges now adequate for artillery firing may become too small for artillery weapons which may be introduced in the future. However, where encroachment has become a problem, its impact is considered during development of base realignment actions.

16. LONG-RANGE PLANS. Since the future forces cannot be predicted with certainty and are subject to unprogramed changes, flexibility to accommodate these changes within the base structure should be preserved when possible and economical. This entails developing reasonable assumptions on what unprogramed force changes might occur and determining how the various options could support the assumed force changes. However, flexibility is difficult to quantify and, as a result, tends to be a

subjective consideration. Realignment alternatives will be weighed in terms of their potential to meet unprogramed force changes.

The overseas base structure is driven by Army forward deployments and these forward deployments are, in turn, driven by National policy. For these reasons, the above discussion is limited to the base structure in the United States.

III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

In common with the Marines, but differing from the Air Force, the Army's major combat mission elements use their portion of the base structure only for training, quartering of personnel, and maintenance of equipment in preparation for the combat mission. They do not normally fight the war from fixed installations as would units of the Strategic Air Command.

Overseas deployed units should be located in close proximity to the area of their anticipated wartime mission. The precise locations, however, are determined by what the host government can and will make available.

The stationing of divisions and other major tactical units is given priority consideration based on such critical factors as the presence of adequate maneuver space and ranges, the availability of housing and support, and restricting environmental impacts. Since stationing choices were of necessity made from existing installations originally acquired to meet less demanding conditions, these stations involve in all cases some compromise of ideal conditions. As noted in Section II, divisions are presently "outgrowing" their installation confines. For those divisions having prepositioned unit equipment in overseas theaters, precise location in CONUS vis-a-vis the primary wartime mission is no longer a major consideration. Strategic airlift can move personnel and their individual equipment east or west with minimal significant time differential. For units scheduled to move by surface transport with full equipment later in a particular deployment scenario, location within the CONUS is still a consideration.

The CONUS logistics base structure, to include installations with research and development as primary missions, is also largely evolutionary. It is what remains of World War II mobilization, created at widely dispersed locations with considerable redundancy, in anticipation of enemy attack against the homeland. Much rationalized and modernized, it is serviceable and capable of performing its mission of supporting deployed forces.

STRATEGIC FORCES (100)

Base Requirements.

The basing of strategic forces is confined primarily to communications type activities which are normally satellited on installations for logistical support.

Major Force Structure Changes and Their Impact on Base Structure:

No major changes in force structure are forecast during FY 1980.

GENERAL PURPOSE FORCES (200)

Base Requirements:

The Army must train the way it will fight. The battalion task force, the minimum training module, must regularly practice offensive and defensive tactics deployed on frontages and depths comparable to those expected in wartime. When battalions have demonstrated critical task proficiency, brigade exercises should be conducted so as to bring into play the full range of fire support, operations, and logistical contingencies. Brigade exercises should occur as often as deemed necessary and include conduct of live-fire exercises in which the full range of fire support, mobility, and electronic warfare is brought to bear. Division commanders should deploy critical elements of their commands within a realistic battlefield environment in order to exercise an appropriate range of combined arms operations in a joint setting over reasonable frontages and depths.

Each division/brigade installation should have access to an area capable of supporting at least brigade exercises, battalion-level Army Training and Evaluation Programs (ARTEP), and live fire for at least battalion-sized elements. Since some installations do not have access to such training areas, the Army is considering expanding certain bases with critical training area shortfalls. Equally important, the area should permit opposing force exercises in which ground forces would be pitted against an "enemy."

Units without prepositioned equipment overseas should be located at installations in proximity of the port of embarkation (sea and air) from which they are most likely to deploy in order that they can respond quickly to early deployment requirements. Units should also be stationed in proximity to the coasts and borders of the Nation to be in a position to counter threats to CONUS yet they must have sufficient land to train and

fire their weapons. They should not be stationed near heavily populated areas, industrial complexes, or other strategic targets. The surrounding area should offer sufficient space for dispersal to ensure that the unit itself does not present a lucrative military target and is afforded a reasonable degree of survivability, and training areas should provide the force with a wide array of climatological and topographical features in which to train and which represent a cross-section of the world's environments.

Active installations should be located so as to readily accommodate Reserve Component (RC) units in the event of mobilization without necessitating excessive movement and delay from home station to mobilization station. Implicit also in the mobilization stationing requirement is the necessity for providing RC units with annual training and inactive duty training sites.

In the Continental United States, the major active combat units are: 10 divisions (includes three divisions with two active brigades and one ARNG roundout brigade), two separate brigades, an air cavalry combat brigade, and an armored cavalry regiment. The units are structured for a variety of environments and missions. The goal is to maintain a force which is available for rapid commitment.

In Europe, four divisions, four brigades, and two armored cavalry regiments retain the high level of readiness necessary to permit an immediate response to any aggression against the NATO alliance.

In the Pacific, the division in Hawaii and elements of the division remaining in the Republic of Korea (with its Korean augmentation) are ready to perform their assigned combat mission. Withdrawal of a portion of the division in Korea, which started in FY 79, continues in FY 80 and subsequent years.

In the Panama Canal Zone and Alaska, the Army has deployed one brigade in each area to provide a ready response to any contingency which might arise in those areas.

All eight Army National Guard divisions, 18 combat brigades (three of which round out the three active divisions), one training brigade, and four armored cavalry regiments are located in the Continental United States. Additionally, one combat brigade is located in Hawaii (roundout for the Hawaiian active division) and one combat brigade is located in Puerto Rico. The Army Reserve

has three combat brigades in the United States. Both the Army National Guard and the Army Reserve major combat units provide the Total Army a substantial combat force. The following depicts stationing of Active and Reserve Component divisions:

<u>Active Divisions</u>	<u>Location</u>
1st Infantry (Mechanized) <u>2/</u>	Fort Riley, Kansas
2d Infantry <u>1/</u>	Camp Casey, Korea
3rd Infantry (Mechanized)	Wurzburg, Germany
4th Infantry (Mechanized)	Fort Carson, Colorado
5th Infantry (Mechanized) <u>3/</u>	Fort Polk, Louisiana
7th Infantry <u>3/</u>	Fort Ord, California
8th Infantry (Mechanized)	Bad Kreuznach, Germany
9th Infantry	Fort Lewis, Washington
24th Infantry (Mechanized) <u>3/</u>	Fort Stewart, Georgia
25th Infantry <u>3/</u>	Schofield Barracks, Hawaii
1st Cavalry <u>2/</u>	Fort Hood, Texas
1st Armored	Ansbach, Germany
2d Armored <u>2/</u>	Fort Hood, Texas
3rd Armored	Frankfurt, Germany
82d Airborne	Fort Bragg, North Carolina
101st Airborne (Air Assault)	Fort Campbell, Kentucky
<u>Army National Guard Divisions</u>	<u>Location <u>4/</u></u>
26th Infantry	Massachusetts/Connecticut
29th Infantry	Pennsylvania
33rd Infantry	Indiana/Michigan
40th Infantry (Mechanized)	California
42d Infantry	New York
47th Infantry	Minnesota/Iowa/Illinois
49th Armored	Texas
50th Armored	New Jersey/Vermont

Nondivisional combat general purpose forces are distributed throughout the base structure with emphasis on providing balanced forces at the major combat unit installations.

The Army must also maintain semi-active installations, which are required primarily for the support of training of Reserve Components and for mobilization. In addition, there are state-owned/leased installations which are required for support of weekend and annual

- 1/ One brigade located in CONUS.
- 2/ One brigade deployed forward.
- 3/ Roundout division.
- 4/ First state listed is division headquarters.

training and mobilization. Active component installations also perform these functions but are not adequate to satisfy the total requirement. The Army cannot fulfill full mobilization requirements in the timeframe envisioned under current strategy unless these installations are maintained. Access to additional acreage for maneuver purposes will be essential to the extensive training required to make the mobilized force fully combat ready.

Terminal and outport facilities function under the Military Traffic Management Command (MTMC), which has area command headquarters at Bayonne, New Jersey and Oakland, California. The area command headquarters each commands a military ocean terminal for general cargo at their respective locations and military outports at various commercial ports. The DoD transportation mission is accomplished almost exclusively by utilizing commercial resources. The military ocean terminals, which are shared with industry during peacetime, will be returned to military use when needed. Hazards involved in moving ammunition require that separate government-owned terminals be maintained.

Major Force Structure Changes and Their Impact on Base Structure:

The withdrawal of the division from Korea, which started in FY 1979, will reduce the foreign base structure requirements. Stationing of the division in the United States is not expected to increase the overall domestic base structure. In addition, plans to convert to heavy divisions and to activate additional mechanized and armor maneuver elements, when approved, will require expansion of facilities at installations in the US but are not expected to increase the base structure overall.

Ongoing realignment studies could impact on Fort MacArthur, California; Fort Indiantown Gap, Pennsylvania; Oakland Army Base, California; and Bayonne Military Ocean Terminal, New Jersey. In addition, while still shown under the Army in this report, the Military Ocean Terminal, King's Bay, Georgia, will be transferred in the future to the Navy for use as a submarine base.

Implementation of the provisions of the Panama Canal Treaty will result in dislocation of some Army activities from their present locations to other sites within Panama. This will require renovation of existing facilities and/or new construction but will not significantly impact on the base structure overall during FY 1980.

If announced plan for the establishment of a National Training Center is approved, Fort Irwin has been selected as the Army's preferred site. Fort Irwin is now a semi-active installation under control of California National Guard; if approved as the location for the NTC, it will revert to Active Army control and become a fully active installation.

AUXILIARY FORCES (300)

Basing Requirements:

Research, development, testing, and evaluation of Army materiel, weapons, and support systems are accomplished primarily by the US Army Materiel Development and Readiness Command (DARCOM). To accomplish its mission, DARCOM requires extensive complexes of test facilities for ammunition and missiles; laboratories and other research facilities; as well as facilities for other materiel and administration of test programs.

The US Army Communications Command (USACC) provides Army-wide non-tactical communications and air traffic control support. To provide base communications support, USACC requires tenant facilities at most installations. Additionally, installations are used by USACC to accomplish support of the Defense Communications System and Army Command and Control requirements.

Major Force Structure Changes and Their Impact on Base Structure:

Ongoing realignment studies could impact on Arlington Hall Station, Virginia; Vint Hill Farms Station, Virginia; Dugway Proving Ground, Utah; and possibly Letterman Army Institute of Research (located at Presidio of San Francisco) as the result of other studies affecting the Presidio of San Francisco and Letterman Army Medical Center.

MISSION SUPPORT FORCES (400)

Basing Requirements:

To provide adequate command, control, and management of Army resources, it is essential that necessary administrative space be available. These installations serve as homes for major command headquarters, for units engaged in supervising Reserve Component training and readiness, and for unique specialized functions. They require a highly sophisticated work force, not normally

found at remote locations, and rapid modes of close-in transportation. While not contributing directly to the "tooth" side of the Army, they are an integral part of the "tail" and significantly contribute to the attainment of a combat-ready Army.

Major Force Structure Changes and Their Impact on Base Structures:

An ongoing realignment study which could impact on the Presidio of San Francisco, California.

CENTRAL SUPPORT FORCES (500)

Basing Requirements:

Since 1813, arsenals have been the continuing centers for the preservation of unique skills required for the defense of the United States. Their role has evolved from one of manufacturing, storage, and maintenance of weapons to one of serving as the nuclei from which private industry obtained "know-how" to mass produce a multitude of products used in war. More recently, their manufacturing activities have been limited to production of very small quantities of items where a producer in private industry could not be found. Their primary mission is to support the research and development program by providing the capability to build prototype research and development items and to provide a production base in the event of mobilization. A second major area of production type bases is the Government-Owned Contractor-Operated (GOCO) plants used in the production of munitions. A number of these are presently in standby status with others active. The fact that these plants are contractor-operated provides the Army the flexibility to more readily expand or contract our capability consistent with requirements. Continued modernization of these plants is essential to assure a viable capability attuned to prospective needs. In addition, this report reflects the transfer from the Navy to the Army of the logistic facilities at Hawthorne, Nevada, and McAlester, Oklahoma, as part of the Army's role as single manager for conventional ammunition.

Depot storage and maintenance requirements consist of:

1. General depots having responsibility for the storage, maintenance, and distribution of major items. These may also have the additional requirement for safe

storage, maintenance, and distribution of explosives, special weapons, toxic and chemical materiel.

2. Distribution depots having responsibility for supporting assigned geographic areas, both CONUS and overseas, for storage and distribution of secondary items. In some instances, they have maintenance activities and may continue to have this mission in the future.

3. Depot activities which store major items and act as an extension of the storage capability of the depots. In some cases, they too have the additional requirement discussed under general depots.

Long-range planning for depot maintenance facilities is a dynamic effort, affected by several variables. These include realignment within the DoD to establish "single service managers" (e.g., assign to a given service a new item entering the inventory), the use of contractor-owned/operated facilities in lieu of organic (in-house) Army-owned/operated facilities to perform depot maintenance of equipment, and the expanded efforts to "maximize" interservicing of material. At the same time, studies are being conducted to determine the minimum CONUS base required to sustain the mission essential workload authorized for organic depot level accomplishment.

Service schools have the primary mission of replenishing forces with trained personnel in peacetime and maintaining a wartime expansion capability to support mobilization. Driven by improvements in communicative technology and by the need to conduct training relevant to new organizations, tactics and weapons systems, these schools will aim at establishing centers of excellence for the training and doctrine of all branches.

The initial entry training centers will develop and administer programs of instruction driven by the same factors discussed above on service schools.

Medical bases exist primarily for the support of active Army forces; consequently, geographical distribution is directly related to the overall Army structure. Hospitals provide medical support while medical centers are located to also provide consultative and referral services within specific regions to both Army and other Services' hospitals. Medical support has become highly area oriented during the past years and coordination

among Federal health care providers to preclude duplication of effort and to provide cross utilization of resources has greatly increased. The Army supports this concept and feels that development of requirements cannot be accomplished in isolation of the other services.

Major Force Structure Changes and Their Impact on Base Structure:

Reduced accessions, combined with reductions to the training base, may result in some changes to the base structure associated with individual training.

Ongoing realignment studies which could impact on Forts Hamilton/Totten/Wadsworth, New York; Fort Sheridan, Illinois; Fort Monroe, Virginia; Letterman Army Medical Center (located on the Presidio of San Francisco); Letterkenny and New Cumberland Army Depots, Pennsylvania; and several Army Training Centers.

Lima Army Modification Center will be reactivated during FY 1980 for XM1 Tank production.

INDIVIDUALS (600)

The Army has no major installations falling into this IDPPC.

IV. BASE OPERATIONS COSTS (BOC) FOR FY 1980

A summary of the FY 1980 Estimated Base Operations Costs as defined in the introduction follows:

TABLE VIII

MAJOR DEFENSE PROGRAMSARMY BASE OPERATIONS COSTS (\$ MILLION)

<u>Major Defense Programs</u>	<u>Fifty States</u>	<u>US Territories and Possessions 1/</u>	<u>Foreign Overseas Areas</u>	<u>Total</u>
Strategic (01) 2/	-	-	-	-
General Purpose (02)	1,105.8		1,508.2	2,614.0
Intell. & Comm. (03) 3/	132.8		38.7	171.5
Airlift Sealift (04) 2/	-		-	-
Guard & Reserve (05)	163.0			163.0
Research & Develop. (06) 2/	-		-	-
Central Supply & Maint. (07) 3/	337.3		32.8	370.1
Trng, Med & Other Pers (08) 3/	1,190.4		89.2	1,279.6
Admin. & Assoc. (09) 3/	93.0			93.0
Support of Other Nations (10) 2/	-	-	-	-
TOTAL ARMY 4/	<u>3,022.3</u>	<u>-</u>	<u>1,668.9</u>	<u>4,691.2</u>

TABLE VIII (Cont'd)

MAJOR DEFENSE PROGRAMS

ARMY BASE OPERATIONS COSTS (\$ MILLIONS)

- 1/ Army does not have separate program elements for base operations of installations in territories or possessions. These costs are included in the base operations program element of the major command that operates the installation.
- 2/ Army does not budget for base operations in Programs 1, 4, 6 or 10.
- 3/ Army budgets for all base communication costs in Program 3, all commissary store costs in Program 7, all medical costs in Program 8 and all standard level user charges in Program 9.
- 4/ Total consist of Operation & Maintenance, Military Pay and Family Housing appropriations allocated to base support.

V. ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

The Army continues an active program to promote management efficiencies and consolidate or eliminate functions in order to reduce base operations costs. A number of these will impact the FY 1980 budget:

1. Continued efforts will be made to convert in-house commercial-type functions to contract, if cost effective and not specifically prohibited by statute or regulation, including regulations of the Office of Personnel Management (formerly Civil Service Commission) or other appropriate authority. Conversions are designed to reduce the cost of operations and to free military spaces for transfer to activities with critical military requirements.

2. The Army has also installed automated systems, such as the Standard Army Intermediate Level Supply System (SAILS), which has resulted in reduced manpower requirements in the supply operations area.

3. The centralization of management of commissary stores has also enabled the Army to reduce the number of personnel utilized in that area. In order to effectively utilize existing personnel in commissary stores, the Army has converted full-time personnel to part-time personnel where such action was feasible and did not degrade the level of service to customers.

4. In order to preclude the growth of the number of personnel employed in base operations functions, the Army will utilize contractors to perform certain new functions, such as compliance with Occupational Safety and Health Act (OSHA) standards and the environmental standards.

5. Similarly, consolidation of real property maintenance activities with other military services is designed to reduce overall base support costs.

6. The Army's continued scrutiny of its installations and activities is expected to reduce nonessential overhead and support personnel and associated costs. Following examples are cited:

- a. In order to reduce the number of high-cost, single-mission installations, the Army is studying potential realignments at Forts Hamilton, Totten, and Wadsworth, New York; Fort MacArthur, California;

Arlington Hall Station, Vint Hill Farms, and Fort Monroe, Virginia; Fort Sheridan, Illinois; and the Presidio of San Francisco, California.

b. As part of a continuing program to streamline depot operations, the Army is studying the feasibility of realigning some functions now performed at New Cumberland Army Depot, Pennsylvania, with another depot.

c. A number of other actions are being studied to reduce overhead support costs, to consolidate schools within the Army, and to consolidate Army schools with other military service schools. Included is the concept of conversion to contract to reduce the base support costs related to the Army training mission.

SECTION VI

ARMY BASE STRUCTURE

(Population data for Army installations in Europe not available
for inclusion in the FY 1980 Base Structure Annex.)

TABLE IX

SUMMARY OF NUMBER OF ARMY INSTALLATIONS, ACTIVITIES AND PROPERTIES

<u>Mission Category</u> <u>(IDPPC)</u>	<u>Fifty States</u>	<u>U.S. Territories</u> <u>and Possessions</u>	<u>Foreign</u> <u>Areas</u>	<u>Total</u>
STRATEGIC FORCES	1			1
- Intell. & Comm. (103)				
GENERAL PURPOSE FORCES				
- General Purpose (202)	30	7	163	200
- Airlift Sealift (204)	5		2	7
- Guard & Reserve (205)	36	2		38
AUXILIARY FORCES				
- Intell. & Comm. (303)	6		4	10
- Research & Dev. (306)	28	1		29
MISSION SUPPORT FORCES				
- General Purpose (402)	10	1	10	21
CENTRAL SUPPORT FORCES				
- Central Supply & Maint. (507)	68		19	87
- Training, Medical & Other Personnel (508)	44		11	55
TOTAL ARMY	220	11	209	448

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DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
STRATEGIC FORCES
UNITED STATES
FY 1980

Installation	City	AFIA Mil	AFIA Civ.	AFIA Tot.	Total Pers	Rank	Lead Area Acres	Rank	Major Unit Activity Function
INTELLIGENCE AND COMMUNICATIONS (133)									
MANHATTAN									
KILLBUCK, PORT	WAYNESBORO, PA	1087	1087	2174	2204	1	1904	1	COMMUNICATIONS

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DEPARTMENT OF DEFENSE
ARMY GATE SIGNATURE
GENERAL FORCES
UNITED STATES
11 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	Total Pers	Rank	Land Area	Rank	Major Unit-Activity-Function	
GENERAL FORCES (207)										
ALABAMA										
INTERCOM-PORT	ANNORANGE	5303	1559	6862	6765	12	74254	15	172ND INFANTRY BRIGADE	
WATERGATE, FORT	FAIRBANKS	2626	484	3110	3211	15	920377	1	1/2ND INFANTRY BRIGADE	
WATERGATE, FORT	FAIRBANKS							29	TRAINING	
WATERGATE, FORT	FAIRBANKS							895057	2	TRAINING
WATERGATE, FORT	FAIRBANKS							230	26	TRAINING
WATERGATE, FORT	FAIRBANKS							500	23	DISPERSAL SITE
WATERGATE, FORT	FAIRBANKS							1916	21	TRAINING
WATERGATE, FORT	FAIRBANKS							2782	20	TRAINING
CALIFORNIA										
WATERGATE, FORT	SEASIDE	1519	2109	17628	18807	7	28016	16	7TH INFANTRY DIVISION (-)	
WATERGATE, FORT	PORTER	2705	415	3520	5735	13	392	24	DEFENSE LANGUAGE SCHOOL	
WATERGATE, FORT	PORTER	1116	96	1212	1376	16	161637	8	DIV 1NO-CDEC EXPERIMENTATION	
COLORADO										
WATERGATE, FORT	CHROMADO SPUS	19129	2107	21296	23495	5	137391	12	4TH INFANTRY DIVISION (MECH)	
GEORGIA										
WATERGATE, FORT	HINESVILLE	11040	1674	12714	17876	8	275276	4	24TH INFANTRY DIV (MECH) (-)	
WATERGATE, FORT	SAVANNAH	4113	453	4546	4807	14	5373	18	24TH INFANTRY DIVISION 149	
HAWAII										
WATERGATE, FORT	HONOLULU	12731	1106	16837	17822	9	163362	9	25TH INFANTRY DIVISION (-)	
WATERGATE, FORT	HONOLULU							28	TRAINING	
WATERGATE, FORT	HONOLULU							5284	19	TRAINING
WATERGATE, FORT	HONOLULU							9223	17	TRAINING
WATERGATE, FORT	HONOLULU							116423	12	DIVISION TRAINING
WATERGATE, FORT	HONOLULU							665	22	TRAINING
WATERGATE, FORT	HONOLULU							87	27	TRAINING

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DECLASSIFICATION OF DEFENSE
ARMY BASE DOCUMENTS
GENERAL PURPOSE FORCES
UNITED STATES
FY 1980

Installation	City	AFIA Full	AFIA Civ	AFIA Int	Total Pers	Rank	Arms- Across	Land	Major Unit-Activity Function
PANAS HILLY, FORT	JUNCTION CITY	15700	2188	18088	20834	6	100950	14	1ST INFANTRY DIV (MECH) (-)
PERINERY CONVULS, FORT	CLARKSVILLE, TN	21653	2658	24351	28039	4	105347	13	101ST AIRBORNE DIVISION
LOUISIANA F.M.I. FORT	LEESVILLE	12677	1996	14673	15729	10	210884	7	5TH INFANTRY DIV (MECH) (-)
NEWARK BRANCH IMA HIMAS, FORT	FAIRFIEVILLE	37466	3975	41441	49849	2	137339	11	82ND AIRBORNE DIVISION
TEXAS SEAN, FORT	VILLEEN	45925	3479	49404	53352	1	216915	6	1ST CAVALRY DIV42D ARMORED DIV
VIRGINIA HYER, FORT	ARLINGTON	3821	3539	7760	7861	11	267	25	ADMIN & LOGISTICAL SUPPORT
WASHINGTON FEDUC, FORT	TACOMA YAFIMA	22769	3118	25787	31152	5	353793	3	5TH INFANTRY DIVISION 5 DIVISION TRAINING
ALABAMA FEDUCAL PT FORTS (204)	DANLAND	135	462	617	751	2	559	4	HARBOR & PORT
CALIFORNIA OBERLAND ARMY BASE	ST. MARY'S	0	17	17	17	4	14756	2	HARBOR & PORT (1)

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UNIT ASSIGNED

IN DEPARTMENT OF DEFENSE
ARMY, NAVY, AIR FORCE
GUARD, MARINE CORPS
UNITED STATES
BY 1960

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	Total Pop	Area Kms	Area Sq. Miles	Major Unit Activity-Function
DAVALL PAPALAPA MILITARY RESERVATION	HONOLULU	.	.	.	.	.	130	3 HARBORS & PORTS
NEW HONEY MIL OCEAN TERMINAL BAYONNE	BAYONNE	474	1824	2298	2850	1	679	3 HARBOR & PORT
INTELL LANGSTON MIL OCEAN TERMINAL SURRY POINT	WILMINGTON	18	240	258	359	3	16124	1 HARBOR & PORT
GUARD AND RESERVE (205)								
ARLUNA FLIGHTLINE FACILITY	PRINCETON	.	.	.	.	.	3709	16 ARMY NATIONAL GUARD ACTIVITIES
ARMANAS LIMITED, FORT	PORT SMITH	15	158	173	2908	8	71973	4 NC & ACTIVE ARMY, TNG (1)
CAIFONHIA TWIN, FORT INDIA ARMY, FORT, CA PARKS, CAMP ALH, LOS ANGELOS KING, LOS ANGELOS MARTIN, CAMP MARTIN, CAMP ARMY, CA MARTIN, FORT	BARSTON BARSTON LOS ANGELOS LOS ANGELOS LOS ANGELOS LOS ANGELOS LOS ANGELOS	.	44	44	10484	1	642805	1 NC & ACTIVE ARMY TNG (1)
		.	278	278	866	14	47591	6 TRAINING COMPONENT TRAINING (1)
		72	99	171	1530	12	1038	19 RESERVE COMPONENT TRAINING (1)
		.	40	40	3546	6	42361	23 RESERVE COMPONENT TRAINING (1)
		.	100	291	903	13	96	8 NC & ACTIVE ARMY TNG (1)
		94	100	194	903	13	96	34 COMMUNICATIONS
		.	.	.	.	.	.	28 RESERVE COMPONENT TRAINING
FLORIDA FLORIDA, CAMP	STAMPE	.	15	15	2230	9	4752	17 RESERVE COMPONENT TRAINING (1)
LAUREA LAUREA, CAMP	LAUREA, IN	1028	20 ARMY NATIONAL GUARD ACTIVITIES

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 DEPARTMENT OF DEFENSE
 ARMY CADA STRUCTURE
 GENERAL PURPOSE FORCES
 UNITED STATES
 15 1960

Installation	City	AFIA Mil	AFIA GLO	AFIA Tot	Total Pers	Rank	Active	Rank	Major Unit Activity Function
HAWAII DUGWAY, FORT KOHALA, FORT	HONOLULU	•	•	•	•	•	73	•	30 ARMY RESERVE HQ 33 ARMY NATIONAL GUARD HQ
INDIANA ATTENBURY RESERVE TNG AREA	EDINBURG	•	•	•	•	•	33485	•	9 RESERVE COMPONENT TRAINING
IOWA DES MOINES, FORT	DES MOINES	12	47	59	475	15	90	•	29 RESERVE COMPONENT TRAINING (1)
KANSAS MANSFIELD, FORT	BOHRIE	•	•	•	2008	10	10689	•	15 RESERVE COMPONENT TRAINING (1)
KENTUCKY CUSTER, FORT	BATTLE CREEK	•	•	•	•	•	500	•	25 CONVENTIONS-RC TNG
KENTUCKY MILLER, CAMP MILLER, CAMP	GREENHALL MATTESBURG	•	•	•	•	•	30024 17306	•	18 ARMY NATIONAL GUARD ACTIVITIES 13 RESERVE COMPONENT TRAINING (1)
KENTUCKY MILLER, CAMP MILLER, CAMP	HELENA MISSOURI	•	•	•	•	•	1598 35	•	21 ARMY NATIONAL GUARD ACTIVITIES 12 RESERVE COMPONENT TRAINING
KENTUCKY MILLER, CAMP MILLER, CAMP	MEAD	•	•	•	•	•	1157	•	22 ARMY NATIONAL GUARD ACTIVITIES
KENTUCKY MILLER, CAMP MILLER, CAMP	PELICKTOWN	•	•	•	•	•	120	•	27 RESERVE COMPONENT TRAINING
KENTUCKY MILLER, CAMP MILLER, CAMP	WATKINSON	312	636	948	8167	2	107205	•	2 RL & ACTIVE ARMY TNG (1)

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OFFICE OF DEFENSE
ARMY BASE STRUCTURE
GENERAL PURPOSE FORCES
UNITED STATES
FY 1980

Installation	City	AFIA M11	AFIA CIV	AFIA Tot	AFIA Tot	Total POPS	Rank	Land Area	Rank	Major Unit-Activity-Function
OKLAHOMA GRICKER, CAMP	MUSKOGEE	2,073	10	ARMY NATIONAL GUARD ACTIVITIES
KENTUCKY LEBANON, CAMP	LEBANON	280	1373	1653	7470	3	18123	12	RC & ACTIVE ARMY TNG (1)	
TEXAS SMITH, CAMP	AUSTIN	.	.	.	.	.	11740	14	ARMY NATIONAL GUARD ACTIVITIES
UTAH WILLIAMS, CAMP	SALT LAKE CITY	.	.	.	.	.	20773	11	ARMY NATIONAL GUARD ACTIVITIES
VERMONT JUDAH ALLEN FACILITY	BURLINGTON	.	.	.	.	.	822	24	ARMY NATIONAL GUARD ACTIVITIES
VIRGINIA HILL, CAMP	BLACKSTONE	50	309	419	3192	7	45198	7	RC & ACTIVE ARMY TNG (1)	
	BOWLING GREEN	68	232	300	1988	11	77023	3	RC & ACTIVE ARMY TNG (1)	
WASHINGTON EASTERN, CAMP	SEATTLE	.	3	3	188	16	180	26	RESERVE COMPONENT TRAINING (1)	
	VARADOVER	.	.	.	.	.	62	31	RESERVE COMPONENT TRAINING
WASHINGTON BENNETT, CAMP	SPARTA	82	911	993	5419	5	59779	5	RC & ACTIVE ARMY TNG (1)	

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DEPARTMENT OF DEFENSE
ARMY PLANNING STRUCTURE
GENERAL PURPOSE FORCES
UNITED STATES TERRITORIES AND POSSESSIONS
1, 1980

Installation	City	AFIA Mil	AFIA Civil	AFIA Tot	Total Pers	Rank	Area Acres	Rank	Major Unit Activity Function
US ARMY MILITARY RESERVATION GULF ISLAND SUB AREA, PU SARAWAK ARMY SUB AREA, PU ANALAN ARMY SUB AREA, PU LITTON ARMY SUB AREA, PU PACIFIC ARMY SUB AREA, PU DAVIDS ARMY SUB AREA, PU	BALBOA CRISTOBAL TOLO POINT BALBOA BALBOA BALBOA CRISTOBAL	775 105 304 340 1137 1042	166 105 116 1753 66 392	941 105 420 5160 1223 1434	1049 158 446 5505 1309 1504	4 6 5 1 3 2	37096 2521 12440 346 8218 9509 3056		1 SUPPORT OF ARMY IN PCZ 5 U.S. SCHOOL OF THE AMERICAS 2 JUNGLE OPER. TRNG CENTER 7 15000 INFANTRY BUE HQ 4 U.S. ARMY TROPIC TEST CIR 3 TRAINING 6 SUPPORT OF GEN. PUR. FORCES

GENERAL PURPOSE (202)

GENERAL PURPOSE (203)

SANITARY CAMP HONOLULU, HAWAII	SANITARY SAN JUAN	2034	748	73	8343	1	11431	1	1 ARMY NATIONAL GUARD TRNG (1)
					2589	2	609	2	2 RESERVE COMPONENT TRAINING

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DEPARTMENT OF DEFENSE
ARMY BATTLE STRUCTURE
GENERAL PURPOSE FORCES
Military Installations Used By
Regular U.S. Forces in Foreign Areas
FY 1980

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DEPARTMENT OF DEFENSE
ARMY R&D STRUCTURE
GENERAL PURPOSE FORCES
Military Installations Used By
The U. S. Forces In Foreign Areas
FY 1980

Supply Analysis

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
GENERAL PURPOSE FORCES
Military installations used by
Army U. S. forces in foreign Areas
FY 1980

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DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
GENERAL PURPOSE FORCES
Military Installations Used By
United States Forces in Foreign Areas
FY 1980

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DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
GENERAL PURPOSE FORCES
Military Installations Used By
the U S Forces in Foreign Areas
FY 1980

Installation	City	AFTA Mil	AFTA Civ	AFTA Tot	Total Pers	Rank	Land Area	Rank	Major Unit-Activity-Function
Kaiserslautern Area									
FW APT BARRACKS	EINSIEDLERHOF	*	*	*	*	*	189	45	US ARMY LABOR SERVICE AGENCY
ALDER KASERNE	KATZENLAUTERN	*	*	*	*	*	79	71	21ST SUPPORT COMMAND
JOHN W. WHELAN BARRACKS	KATZENLAUTERN	*	*	*	*	*	3634	4	US ARMY COMBAT EQUIP DEPT
PAULIN KASERNE	KATZENLAUTERN	*	*	*	*	*	18	147	101 21ST SUPPORT COMMAND
Pirmasens Area									
INDUSTRIEN KASERNE	PIRMASSENS	*	*	*	*	*	741	11	59TH ORDNANCE GROUP
RIEHL AND									
Bad Kreuznach Area									
MINIUS KASERNE	BAD KREUZNACH	*	*	*	*	*	9	157	9TH INFANTRY DIVISION (MECH)
HOFF BARRACKS	BAD KREUZNACH	*	*	*	*	*	45	54	8TH INFANTRY DIVISION (MECH)
ANN RECON BARRACKS	DEIXHEIM	*	*	*	*	*	116	58	8TH INFANTRY DIVISION (MECH)
DIETTERICH MISSILE STATION	DIETTELBACH	*	*	*	*	*	62	80	32ND AIR DEFENSE COMMAND
WILHELM MISSILE STATION	HAUSELBACH	*	*	*	*	*	39	105	32ND AIR DEFENSE COMMAND
Ramstein Area									
WELT KASERNE	BAUMHOLZER	*	*	*	*	*	207	41	3RD SUPPORT COMMAND
SMITH BARRACKS	BAUMHOLZER	*	*	*	*	*	889	10	8TH INFANTRY DIVISION (MECH)
HEISEL MISSILE STATION	HEISEL	*	*	*	*	*	40	103	32ND AIR DEFENSE COMMAND
STRAUBING KASERNE	UDAN OBERSTLIN	*	*	*	*	*	41	102	8TH INFANTRY DIVISION (MECH)
Manitz Area									
FRIEDRICH FRIEDL	FRIEDRICH	*	*	*	*	*	435	23	V CORPS AVIATION
LEE BARRACKS	GRUNHEIM	*	*	*	*	*	74	73	8TH INFANTRY DIVISION (MECH)
WAGNER KASERNE	MANITZ	*	*	*	*	*	5	102	8TH INFANTRY DIVISION
MCNALLY BARRACKS	WALKERHEIM	*	*	*	*	*	77	72	8TH INFANTRY DIVISION (MECH)
SAATH BAVARIA									
Augsburg Area									
FLY KASERNE	AUGSBURG	*	*	*	*	*	72	75	US ARMY MEDICAL CRO
REESE BARRACKS	AUGSBURG	*	*	*	*	*	104	63	VII CORPS ARTILLERY EUROPE
WENTHARD KASERNE	AUGSBURG	*	*	*	*	*	172	48	3RD INFANTRY DIVISION (MECH)
Bad Tolz Area									
TITHE KASERNE	BAD TOLZ	*	*	*	*	*	137	53	US ARMY SPECIAL FORCES

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DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
GENERAL PURPOSE FORCES
Military Installations Used By
The U. S. Forces in Foreign Areas
FY 1980

Installation	City	AFTA Mil	AFTA Civ	AFTA Tot	Total Pers.	Rank Acros	Land Acros	Major Unit-Activity-Function
German Army GILBERTIAN BARRACKS	GAHMISCH	•	•	•	•	•	26	102 US MIL ARMED FORCES REC AREA
French Army MUGRAU KASERNE	MUNICH	•	•	•	•	•	37	110 ARMY & AF EXCHANGE
West German Army HELSHIL BARRACKS	NEU ULM	•	•	•	•	•	38	108 20TH ORDNANCE GROUP
West German Army WILLY BARRACKS	NEU ULM	•	•	•	•	•	179	47 1ST INFANTRY DIVISION (MECH)
West German Army TRENKINGEN TACTICAL DEF STA	STADTAMINGEN	•	•	•	•	•	48	50 56TH ARTILLERY BRIGADE
British Army TAMMIS								
British Army BARNHARTEN PASEPNE	BARNHARTEN	•	•	•	•	•	365	30 V CORPS ARTILLERY
British Army KARNAT FREITZ KASERNE	DARMSTADT	•	•	•	•	•	64	79 7TH SIGNAL BRIGADE
British Army KLEIN KASERNE	DARMSTADT	•	•	•	•	•	55	85 24TH ENGINEER GROUP
British Army KLEIN KASERNE	DARMSTADT	•	•	•	•	•	117	57 130TH ENGINEER BRIGADE
British Army KLEIN KASERNE	FRANKFURT	•	•	•	•	•	151	52 130TH ENGINEER BRIGADE
British Army KLEIN KASERNE	FRANKFURT	•	•	•	•	•	35	113 3RD ARMORED DIVISION
British Army KLEIN KASERNE	FRANKFURT	•	•	•	•	•	23	138 3RD ARMORED DIVISION
British Army KLEIN KASERNE	FRANKFURT	•	•	•	•	•	24	136 V CORPS MILITARY POLICE
British Army KLEIN KASERNE	FRANKFURT	•	•	•	•	•	64	69 V CORPS HQ
British Army KLEIN KASERNE	FRANKFURT	•	•	•	•	•	6	101 V CORPS SIGNAL
British Army KLEIN KASERNE	FRANKFURT	•	•	•	•	•	28	126 V CORPS 13RD SUPPORT COMMAND
British Army KLEIN KASERNE	FRANKFURT	•	•	•	•	•	39	105 4TH TRANSPORTATION BRIGADE
British Army KLEIN KASERNE	QUERFELD	•	•	•	•	•		
British Army KLEIN KASERNE	WILDFELDEN	•	•	•	•	•	17502	2 3RD INFANTRY DIVISION (MECH)
British Army KLEIN KASERNE	WILDFELDEN	•	•	•	•	•	46	92 11TH ARMORED CAVALRY REGIMENT
British Army KLEIN KASERNE	WILDFELDEN	•	•	•	•	•	117	57 11TH ARMORED CAVALRY REGIMENT

UNCLASSIFIED

DEPARTMENT OF DEFENSE
ACTING CHIEF OF BUREAU
GENERAL PURPOSE FORCES
Military Installations Used By
CLASS "S" Forces In Foreign Areas
FY 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	Total Pers.	Mark	Acres	Rank	Major Unit-Activity-Function
Italy Area									
ARMISTITION BARRACKS	BUEDELINGEN	*	*	*	*	*	39	105	3RD ARMORED DIVISION
CONNAUT BARRACKS	GELNHAUSEN	*	*	*	*	*	80	70	3RD ARMORED DIVISION
GROENAUER MI CASERNE	GROENAUER MI	*	*	*	*	*	213	40	3RD SUPPORT COMMAND
ARMISTITION CASERNE	HANAU	*	*	*	*	*	89	89	3RD ARMORED DIVISION
FRANKF. CASERNE	HANAU	*	*	*	*	*	22	141	3RD ARMORED DIVISION
BRUNNEN CASERNE	HANAU	*	*	*	*	*	17	150	3RD ARMORED DIVISION
BRUNNEN CASERNE	HANAU	*	*	*	*	*	43	98	3RD ARMORED DIVISION
FRANKF. CASERNE	HANAU	*	*	*	*	*	94	65	130TH ENGINEER BRIGADE
FRANKF. CASERNE	HANAU	*	*	*	*	*	3	163	USAREUR LABOR SERVICE
ELTERBERG AIRFIELD	HANAU	*	*	*	*	*	612	15	V CORPS ARTILLERY & AVIATION
ITALY									
PISA		*	*	*	*	*	159	50	8TH SUPPORT GROUP (SETAF)
KOREA, REPUBLIC OF									
CHANDON-GUN		714	*	744	744	9	59	62	COMBAT SUPPORT
CAMP PAPE	CHUN CHON	423	160	644	644	12	437	21	SIGNAL CO COMBAT SUPPORT UNIT
CAMP HONG	KUMHON MI	605	*	605	605	7	157	51	INFANTRY BATTALION
CAMP PULHON	KUMHON MI	618	*	618	618	8	71	76	AIR DEFENSE BATTALION (-)
JOINT SECURITY AREA	PANMUNJON	114	38	152	152	16	364	25	SECURITY
CAMP KUMHON	PULHON	465	153	616	616	13	107	62	ENGINEER BATTALION
CAMP HONGHONGS	PRONG TAEK	3050	1027	4125	4125	15	1351	8	COMBAT SERVICE SUPPORT
CAMP HONGHONGS	SEONG	153	64	758	258	15	22	141	COMBAT SERVICE SUPPORT
CAMP HONGHONGS	TAEU	551	181	736	736	10	68	70	101, 19TH SUPPORT BRIGADE
CAMP HONGHONGS	TONGGUKHON MI	5045	600	5645	5645	1	455	3	HEADQUARTERS & ADMINISTRATION
CAMP HONGHONGS	UIJONG BU	2057	*	2057	2057	12	3298	6	INFANTRY BRIGADE
CAMP HONGHONGS	UIJONG BU	662	493	652	652	11	57	64	FIELD ARTILLERY BATTALION
CAMP HONGHONGS	UIJONG BU	1004	493	1337	1337	5	526	18	COMBAT SERVICE SUPPORT
CAMP HONGHONGS	UIJONG BU	2040	10	2050	2050	4	398	26	FIELD ARTILLERY BATTALION
CAMP HONGHONGS	UIJONG BU	380	*	540	540	14	26	132	AIR DEFENSE BATTALION (-)
CAMP HONGHONGS	WONJUN	380	671	1001	1001	6	643	12	COMBAT SERVICE SUPPORT

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DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
GENERAL PURPOSE FORCES
Military Installations Used By
the U. S. Forces in Foreign Areas
FY 1980

Installation	City	AFIA Mil.	AFIA Civ.	AFIA Tot.	Total Ports	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
JAPAN									
NAHA PUPU YOKOJIMA NORTH DOCK	NAHA, OKINAWA YOKOJIMA	1	1	2	2	2	227 124	2	1 PORT FACILITIES 2 PORT FACILITIES

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DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
AUXILIARY FORCES
UNITED STATES
FY 1980

Installation	City	APTA Mil	APTA Civ	APTA Tot	Total Pers	KatA	Land Acres	KatA	Major Unit-Activity Function
INTELLIGENCE AND COMMUNICATIONS (300)									
ARIZONA									
TRACON, FORT WILSON AREA, AZ	SILVER VISTA TUCSON GILA BEND	5115	3771	8886	10206	1	102967 29008 8/23	1	COMM OPERATIONS, FHE SCH 2 F & E ACTIVITIES 3 F & E ACTIVITIES
HAWAII									
BERNARD RADIO STATION	MAHANA	.	.	.	.	.	291	5	COMMUNICATIONS
VIRGINIA									
ARLINGTON HALL STATION VINI HILL FARMS STATION	ARLINGTON MAKKEHON	862 597	1487 579	2349 1176	2459 1195	2 3	87 711	6	HEADQUARTERS & ADMIN, DIA 1 COMM & INTELLIGENCE ACT
MISSISSIPPI AND DEVELOPMENT (300)									
ALABAMA									
REUSCH ARSENAL	IRVINGVILLE	3918	13417	17355	21586	1	34618	7	ROCKET GUIDED MSL, M&D, SCIMCTN
ALASKA									
GRITLY, 1-3RT FAIRBANKS, PERMAFROST STA, AF FAIRBANKS KIRKILL RIVER ARCTIC TEST SITE, AK	FAIRBANKS FAIRBANKS FAIRBANKS	726	197	923	934	13	677286 744 19127	4	R&D TEST CENTER 19 TEST SITE 8 TEST SITE
ARIZONA									
YUMA PROVING GROUND	YUMA	481	769	1250	1318	11	870402	2	M & D TEST CENTER
INDIANA									
DEPTERMAN PROVING GROUND	MADISON	4	371	375	385	15	58261	6	R&D ARMD TEST CENTER

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DEPARTMENT OF DEFENSE
ARMY BATT STRIKEONE
BATTALIAN FORCES
UNITED STATES
15 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	Total PUs	Build	Acres	Land Acres	Major Unit-Activity Function
UTAH GARDEN RIVER TEST COMPLEX (ARMA, PROVING, GROUND)	PHILLIP SALT LAKE CITY	•	•	•	•	•	3628 802/31	•	12 T&E ACTIVITIES 3 R&D TEST CENTER
VERMONT HARRISON PARKING NAMEP INDOOR HILL	BURLINGTON	•	•	•	•	•	1115/	•	9 T&E ACTIVITIES
VIRGINIA WARRICKS RESEARCH FACILITY	ALEXANDRIA	•	9/	9/	97	17	5/9	•	20 RESEARCH & DEVELOPMENT

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DEPARTMENT OF DEFENSE
ARMY NAVAL STRUCTURE
AUXILIARY FORCES
UNITED STATES TERRITORIES AND POSSESSIONS
FY 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	Total Pers	NAVA NAVA	Land AFSA AFSA	NAVA NAVA	Major Unit-Activity-Function
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DEPARTMENT OF DEFENSE
 AFIA CIVILIAN
 AUXILIARY FORCES
 Military Installations Used By
 the U.S. Forces in Foreign Areas
 F/ 1980

Installation	City	AFIA Mil	AFIA CIV	AFIA Tot	Total Pers	Rank	Acres	Major Unit	Activity Function
GERMANY - FEDERAL REP OF									
SOUTH HAVARIA									
Amsterdam Area LAWYERMAN PAREHNE	AMSTERDAM						322	3 USINCOM FIELD STATION	
Manila Area BAD AUSTIN PAREHNE	BAD AUSTIN						322	3 INTELLIGENCE	
JAPAN									
YOKOBE STATION	KOZA, OKINAWA	530	255	785	785	1	40.7	1 COMMUNICATIONS	
TURKEY									
ISIRI STATION	SINOP						205	4 COMMUNICATIONS	

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UNIT ASSIGNED
DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
MILITARY DISTRICT FORCES
UNITED STATES
FY 1980

Installation	City	AFIA MIL	AFIA CIV	AFIA JSC	Total Funds	Rank	Lead Actus	Rank	Major Unit-Activity Function
GENERAL PURCHASE (400)									
CALIFORNIA SAN FRANCISCO, PRESIDIO OF	SAN FRANCISCO	3170	2817	5987	7098	2	2326	3	HUBA/MIN/LETTEMIN ARMY MED CTR
GEORGIA INDEPENDENCE, FORT GILLEM, FORT, GA	ATLANTA FOREST PARK	1460 414	1887 524	3347 938	3500 1213	4 5	508 1509	7 4	FORSLON IMJ HEADQUARTERS REGION 10
HAWAII ALAMANO MILITARY RESERVATION PAINIAHUA, FORT SUNSET, FORT WAIANA MIL RES	HONOLULU HONOLULU HONOLULU PEARL CITY	• • 2108 1	• • 2157 •	• • 4205 1	• • 4292 1	• • 3 6	529 508 2908 319	6 0 2 9	HOUSING HOUSING & STORAGE HEADQUARTERS & ADMIN FAMILY HOUSING
ILLINOIS USA OF LOUIS AREA SUPPORT CTR	GRANITE CITY	•	•	•	•	•	943	5	COMMUNITY SUPPORT
MARIANA HEARN HUNGE G. FORT	BAITIMORE	8750	3112	11862	13538	1	13760	1	HEADQUARTERS & ADMIN, NSA

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
MILITARY JOINT FORCES
UNITED STATES TERRITORIES AND POSSESSIONS
FY 1960

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Mil	Civ	Tot	P:78

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LANAL ZONE	42	118	146	1 JOINT HEADQUARTERS
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DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
MISSILE SUPPORT FORCES
Military Installations Used By
the U.S. Forces in Foreign Areas
FY 1980

Installation	City	ATLA Mil	AFIA Civ	AFIA Tot	ATLA Tot	AFIA Tot	Land Area	Major Unit/Activity/Function
GERMANY, FEDERAL REP OF								
CHIEF'S AIR BASE	MONS						989	1 NATO SHAPE SUPPORT GROUP
BELGIUM								
BREMLHAUSEN	BREMLHAUSEN						481	4 US ARMY SUPPORT GROUP
Exercitation Area LAGE SCHEFFEL KASERNE								
NO. 100 KILBENBERG	VALLUNGEN						94	7 HQ, US EUROPEAN COMMAND
Scout Unit Area PATRIE BARRACKS	WEIDENBURG						41	8 HEADQUARTERS, USAEUR
NO. 100 RAIN	MANNHEIM						23	9 HQ, CENTRAL ARMY GROUP (NATO)
Headquarters Area CARPENTIER BARRACKS	KATZERSLAUTERN						20	10 HQ, KATZERSLAUTERN ARMY DEPOT
Headquarters Area IMPERIAL BARRACKS	ZUELDORF						119	6 US ARMY MAT L INST CTR, EUROPE
Headquarters Area PATRIE KASERNE								
Headquarters Area PATRIE KASERNE								

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DEPARTMENT OF DEFENSE
AFRICAN AIRCRAFT
MISSION SUPPORT FORCES
Military Installations Used By
the U.S. Forces in Foreign Areas
FY 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	Total PO's	Rank	Land Area - Acres	Rank	Major Unit/Activity-Function
		ITALY							
CAMP EIRKLE	VICENZA						149		5 HEADQUARTERS, SETAF
		JAPAN							
CAMP .../MA	SAGAMIHARA	792	381	1173	1173	2	584		3 HQ US FORCES, JAPAN/IX CORPS
		KOREA, REPUBLIC OF							
YONGPOONG	SEOUL	2910	2857	5767	5767	1	743		2 HC, EIGHTH U.S. ARMY

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DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
GENERAL SUPPORT FORCES
UNITED STATES
FY 1980

Installation	City	ATA Mil	ATA Civil	ATA Tot	Total Pers.	Real Acres	Land Acres	Rank	Major Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (502)									
ALABAMA									
ANNISTON ARMY DEPOT	ANNISTON	48	5101	5149	5164	4	18080		15 LOGISTICS DEPOT
ANDRA KIVLER STORAGE AMMUN. AL	TALLEDEGA						2834		30 STORAGE
INDUSTRIAL DEVELOPMENT WORKS	MUSCLE SHOALS						67		60 PRODUCTION-CHEMICAL (C) (1)
ARIZONA									
NAVAJO ARMY DEPOT ACTIVITY	FLAGSTAFF	2	111	113	154	51	28426		5 STORAGE
ARKANSAS									
PINE BLUFF ARSENAL	PINE BLUFF	73	959	1032	1105	29	14454		21 PRODUCTION
CALIFORNIA									
SILVER ARMY DEPOT	RENO, NV	323	612	935	948	33	97061		2 LOGISTICS DEPOT
REINBAND ARMY AMMUNITION PLI	RIVERDALE	2	14	16	180	50	1515		41 PRODUCTION-PROJECTILES (C)
SACRAMENTO ARMY DEPOT	SACRAMENTO	79	3925	2908	3112	12	485		51 LOGISTICS DEPOT
SHARITE ARMY DEPOT	STOLTON	57	1456	1494	1651	24	724		46 LOGISTICS DEPOT
DELME DEPOT, TRACY	TRACY	14	1647	1661	1661	23	449		52 LOGISTICS DEPOT
COLORADO									
ROBERT WHELFIELD ARSENAL	DENVER	27	377	404	404	41	17074		16 PRODUCTION-CHEMICAL
PUEBLO ARMY DEPOT ACTIVITY	PUEBLO	5	876	881	919	34	24261		6 LOGISTICS DEPOT
CONNECTICUT									
STRAITFORD ARMY ENGINE PLANT	STRAITFORD	5	197	202	3637	9	115		58 PRODUCTION ENGINES (C)
HAWAII									
PAIPAA FIRE STORAGE SITE	WAIHANA						559		47 AMMUNITION STORAGE
ILLINOIS									
SAVANNAH ARMY DEPOT ACTIVITY	CLINTON	1	502	508	671	37	13062		24 LOGISTICS DEPOT
FOR THE ARMY AMMUNITION PLANT	JOLIET	10	77	93	429	40	14385		22 PRODUCTION-MISC ARMO (C) (1)
FOR THE ARMY ARMO PLT PAPER MFG.	JOLIET						9158		29 AMMUNITION PLANT

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DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
CENTRAL COMBAT FORCES
UNITED STATES
17 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	Total Pers.	Rank	Land Area	Rank	Major Unit-Activity-Function
II ROCK ISLAND ARSENAL	ROCK ISLAND	309	7477	7786	8661	1	907	44	K&D, PRODUCTION-TANK COMPONENTS
INDIANA INDIANA ARMY AMMUNITION PLANT ELMPORT ARMY AMMUNITION PLANT	CHARLESTON NEWPORT	2 12	267 7	269 19	1720 251	21 45	12506 8922	25 31	PRODUCTION-PROPELLANTS (C) PRODUCTION-CHEMICAL (C) (1)
IOWA IOWA ARMY AMMUNITION PLANT	BURLINGTON	2	62	64	1170	27	19146	13	PRODUCTION-PROJECTILES (C)
KANSAS SHILOH ARMY AMMUNITION PLANT FAIRBANKS ARMY AMMUNITION PLANT	LAURENCE PARSONS	2 2	23 38	23 40	322 882	42 35	9544 13638	28 23	PRODUCTION-PROPELLANTS (C) (1) PRODUCTION-MISC AMMO (C)
KENTUCKY LEXINGTON ARMY DEPOT ACT BURLINGAME ARMY DEPOT ACTIVITY	LEXINGTON RICHMOND	105 2	1701 2	1806 2	1806 2	20 2	15376 14596	18 20	LOGISTICS DEPOT AMMUNITION DEPOT
KENTUCKY LEXINGTON ARMY AMMUNITION PLANT	SHIRVEPORT	2	2	2	2	2	14974	19	PRODUCTION-PROJECTILES (C)
MARYLAND ANNA ARMY AMMUNITION PLANT	BROCKMONT	43	2761	2804	2824	14	57	61	PROD OF MAPS & CHARTS (DMA)
MICHIGAN MICHIGAN ARMY MISSILE PLANT PORTAGE STORAGE FACILITY	ORLAND PORTAGE	137 2	1500 2	1703 2	2403 3	16 3	304 31	53 63	PRODUCTION-LANCE MISSILES (C) STORAGE
MINNESOTA MINNESOTA ARMY AMMO PLANT	NEW BRITTON	11	43	54	189	49	2389	10	PRODUCTION-MISC AMMO (C) (1)

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
OFFICE OF MILITARY FORCES
UNITED STATES
FY 1960

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 DEPARTMENT OF DEFENSE
 ARMY BASE STRUCTURE
 GENERAL SUPPORT FORCES
 UNITED STATES
 FY 1960

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	Total Purp.	Rank Acres	Rank Acres	Major Unit Activity-Function
PENNSYLVANIA								
LEITCHFIELD ARMY DEPOT	CHAMBERSBURG	111	5102	5213	5036	3	19511	11 LOGISTICS DEPOT
NEW GERMEN AND ARMY DEPOT	HARTISBURG	123	4121	4244	5149	5	833	45 LOGISTICS DEPOT
DEFENSE PERMANENT SUPPORT CTR	PHILADELPHIA		3191	3316	3316	11	86	59 PROVISION CLOTHING FACTORY (DLA)
DAVIS ARMY DEPOT	PITTSBURGH	2	27	29	819	36	15	67 PRODUCTION-MISC ARMO (C) (1)
SCHMIDT ARMY AMMUNITION PLANT	SCRANTON	130	3773	3912	4161	6	1293	66 PRODUCTION-PROJECTILES (C)
FOBYVIA ARMY DEPOT	SCRANTON							43 LOGISTICS DEPOT
TENNESSEE								
WHEELER ARMY AMMUNITION PLT	CHATTANOOGA		7	7	219	47	7285	34 PRODUCTION-CHEMICALS (C) (1)
PLAN ARMY AMMUNITION PLANT	JACKSON	2	79	81	1404	25	22581	7 PRODUCTION-CARTRIDGES (C)
INDUSTRIAL ARMY AMMUNITION PLANT	KINGSFORD	2	51	53	1135	28	6110	35 PRODUCTION-MISC ARMO (C)
INDUSTRIAL ARMY AMMUNITION PLANT	MEMPHIS	17	2328	2345	2345	17	642	49 LOGISTICS DEPOT (DLA)
INDUSTRIAL ARMY AMMUNITION PLANT	ATLANTON				105	52	125	57 STORAGE-IND. EQUIPMENT (DLA)
TEXAS								
SANTANA ARMY AIRCRAFT PLANT	FT WORTH				525	38	155	56 PRODUCTION-HELICOPTER ASSEMBLIES (C)
COMBUSTION ARMY AMMUNITION PLANT	MARSHALL	2	49	51	1001	31	4453	30 PRODUCTION-MISC ARMO (C)
INDUSTRIAL ARMY AMMUNITION PLT	TEXARKANA	2	81	83	2047	19	15246	17 PRODUCTION-MISC ARMO (C)
RED RIVER ARMY DEPOT	TEXARKANA	74	5668	5742	6160	2	19081	14 LOGISTICS DEPOT
LAKE STANLEY STORAGE ACTIVITY	SAN ANTONIO						4000	37 STORAGE
UTAH								
DEFENSE DEPOT, OGDEN	OGDEN	12	1692	1704	1704	22	1704	42 LOGISTICS DEPOT (DLA)
INDUSTRIAL ARMY DEPOT	TORRELL	76	3919	3995	4509	7	44092	12 STORAGE
INDUSTRIAL ARMY DEPOT SOUTH ARIZONA, UT TORRELL								
VIRGINIA								
CAMPION STATION	ALEXANDRIA	2098	2249	5077	5151	6	108	55 10 DEFENSE LOGISTICS AGENCY
INDUSTRIAL ARMY AMMUNITION PLANT	MANASSAS	6	203	209	2849	13	4101	36 PRODUCTION-PROJECTILES (C)
INDUSTRIAL ARMY AMMUNITION PLANT	RICHTON	31	2508	2539	2539	15	647	48 LOGISTICS DEPOT (DLA)
WEST VIRGINIA								
INDUSTRIAL ARMY AMMUNITION PLANT	BAKERSBURG		22	22	233	46	7411	33 PRODUCTION-EXPLOSIVES (C) (1)

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DEPARTMENT OF DEFENSE
ARMY BATTLE STRUCTURE
CENTRIC THOUGHT FORCES
UNITED STATES
FY 1980

Installation	City	AFTA MIL	AFTA CIV	AFTA Tot.	Rank	Land Area - Acres	Rank	Major Unit-Activity Function
ILLINOIS SHERIDAN, FORT	HEMPHROD	1721	1170	2893	21	725	24	RECRUITING COMMANDING
INDIANA HARRISBURG, FORT BENJAMIN	INDIANAPOLIS	1464	1291	2755	18	2501	20	US ARMY INSTITUTE FOR ADMIN
KANSAS LEAVENWORTH, FORT	LEAVENWORTH	2724	1753	4477	19	5634	17	LAND & GENERAL STAFF CONFERE
KENTUCKY LOUISVILLE, FORT	LOUISVILLE	14047	4425	19072	2	108738	3	US ARMY TRAINING CENTER
MASSACHUSETTS DEVENS, FORT CONJUNCTION SUPPORT ACTIVITY, MA	AYER BOSTON	5458	1604	7062	13	9450	14	INTELLIGENCE TRAINING 47 RESERVE COMPONENT TRAINING
MISSOURI WARREN, FORT LEONARD	JEFFERSON CITY	5376	2094	7470	8	68564	6	US ARMY TRAINING CENTER
NEW HAMPSHIRE DIX, FORT	BRENTON	2767	2415	7182	11	31181	13	US ARMY TRAINING CENTER
NEW YORK HAIGHTS, FORT WADSWORTH, FORT, NY WEST POINT MILITARY RES SHERMAN ANNEX, NY	BROOKLYN NEW YORK NEWBURGH NEWBURGH	546	598	1144	25	553	26	AIRMAN & LOGISTICAL SUPPORT 34 CHAPLAIN SCHOOL 13 OFFICE OF ACQUISITION ING 27 INNOVING
OHIO PERRY, CAMP	PERRYMAN		/	7	11	28	43	RESERVE COMPONENT TRAINING (1)

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DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
CENTRAL SUPPORT FORCES
UNITED STATES
FY 1980

State	Installation	City	AFIA		AFIA		Total	Land		Major Unit/Activity Function
			Mil	Civ	Mil	Civ		Acres	Acres	
CALIFORNIA										
	LANTON		16091	4528	19619	25324	5	128583	4	US ARMY FLD ARTILLERY CTR/SCH
PENNSYLVANIA										
	CAMP ISLE		451	600	951	1206	27	493	28	US ARMY WAR COLLEGE
SOUTH CAROLINA										
	COLUMBIA		5347	2333	7680	19207	7	52596	9	US ARMY TRAINING CENTER
TEXAS										
	EL PASO		16539	4320	20859	25725	4	112480	1	AIR DEFENSE CENTER & SCHOOL
	EL PASO		4	4	8	8	1	992074	2	RANGE
	SAN ANTONIO		9574	8425	18000	42643	1	5136	19	MEDICAL TRAINING HQ
	SAN ANTONIO		0	0	0	0	0	27880	12	ARMY NATIONAL GUARD ACTIVITIES
VIRGINIA										
	ALL HANDS		4058	4251	9309	11124	12	9239	15	US ARMY ENGINEER CENTER & SCH
	CAMP BUSH		1228	1500	2728	4828	22	1069	21	INACTIVE HEADQUARTERS
	NEWPORT NEWS		6259	7090	13349	12106	12	8128	16	TRANSPORTATION CENTER & SCHOOL
	VALENTIA BEACH		11942	173	1265	1386	26	1451	24	ASSTHS & MC TRAINING (1)
	PIEDMONT		2551	4415	10014	14420	9	5620	18	US ARMY QUARTERMASTER CTR/SCH

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CENTRAL INTELLIGENCE
MILITARY INTELLIGENCE DIVISION
ATTENTION: FOREIGN AFFAIRS
FY 1980

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DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
CENTRAL INTELLIGENCE
Military Installations Used By
the U. S. Forces in Foreign Areas
FY 1980

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DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
CENTRAL SUPPORT FORCES
Military Installations Used By
US Army Forces in Germany Areas
FY 1980

Installation	City	ATA Mil	ATA Civ	ATA Tot	Total Pers	Area Acres	Rank	Major Unit-Activity-Function
IN THE 2d MEDICAL AND OTHER PERSONNEL (SUB)								
BURLIN								
US Army Area STEGLITZ HOSPITAL	BURLIN	.	.	.	.	21	7	HEALTH CARE
BREITENBUCHEN								
US Army Area BREITENBUCHEN HOSPITAL	BREITENBUCHEN	.	.	.	.	9	11	HEALTH CARE
BAD KANNSSTATT								
US Army Area BAD KANNSSTATT HOSPITAL	BAD KANNSSTATT	.	.	.	.	29	3	HEALTH CARE
HEIDELBERG								
US Army Area HEIDELBERG HOSPITAL	HEIDELBERG	.	.	.	.	23	6	HEALTH CARE
MUEHLBERG								
US Army Area MUEHLBERG HOSPITAL	MUEHLBERG	.	.	.	.	28	4	HEALTH CARE
LAMPFURTH								
US Army Area LAMPFURTH HOSPITAL	LAMPFURTH	109	1	HEALTH CARE
MUEHLHEIM								
US Army Area MUEHLHEIM HOSPITAL	MUEHLHEIM	13	10	HEALTH CARE

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DEPARTMENT OF DEFENSE
AFRIC EAST STRUCTURE
CENTRAL SUPPORT FORCES
Military Installations Used By
the U.S. Forces in Foreign Areas
FY 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	Total Pers	Rank	Land Acres	Rank	Major Unit-Activity-Function
Bad Reuthen Area BAD REUTHEN HOSPITAL	BAD REUTHEN	*	*	*	*	*	20	B	HEALTH CARE
Reinholden Area REINHOLDEN HOSPITAL	REINHOLDEN	*	*	*	*	*	13	10	HEALTH CARE
Reinholden Area REINHOLDEN HOSPITAL	REINHOLDEN	*	*	*	*	*	131	2	HEALTH CARE
Reinholden Area REINHOLDEN HOSPITAL	REINHOLDEN	*	*	*	*	*	25	3	HEALTH CARE

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CHAPTER THREE

NAVY BASE STRUCTURE

I. INTRODUCTION

The Navy Base Structure Annex to the Manpower Requirements Report for FY 1980 is submitted in compliance with Section 302, PL 94-361. The Annex consists of five sections in addition to the introduction. Section II, Base Structure Overview, discusses factors affecting the structure of the Navy Shore Establishment. Section III relates major Navy activities to the forces supported within the framework of the Installation Defense Planning and Programming (IDPP) categories. Section IV, Base Operations Costs, provides a summary table by major defense programs of those costs included in this category. Section V discusses the Navy's continuing appraisal of base operations costs. Section VI consists of the listing of the installations, activities and properties comprising the base structure. The listing is arranged by IDPP category by geographical area (U.S., U.S. Territories and Possessions, and Foreign areas). In addition, a ranking column is included for the "total personnel" and the land area which indicates the rank of the installation in descending order within each IDPP category for these data.

It should be noted that most activities listed have multiple missions and that primary missions shown are not all inclusive. The personnel assigned to ships and aircraft squadrons which are homeported or assigned at a given activity have been included in personnel data provided in Section VI.

II. BASE STRUCTURE OVERVIEW

The national military strategy of the United States is a forward strategy, driven by geographical considerations. The United States is characterized by its insular position on the North American continent. It has only two international borders, neither of which is threatened by a hostile force, and communicates with the rest of the world to the east, west, and south by way of two major oceans. One of the states and all of the territories for which the U.S. is responsible lie overseas. Additionally, the interdependent free-world economy depends increasingly upon the use of ocean shipping and access to the resources of the seas and sea bottoms. This forward strategy of the United States utilizes the oceans as barriers for the defense of the country, as military lines of communication with overseas allies, and as avenues of world trade.

The mission of the U.S. Navy, as set forth in Title 10, U.S. Code, is to be prepared to conduct prompt and sustained combat operations at sea in support of the U.S. national interests; in effect, to assure continued maritime superiority for the United States. This means that the U.S. Navy must be able to defeat, in the aggregate, potential threats to continued free use of the high seas by the United States.

The Navy carries out its mission within the framework of a national strategy, in joint coordination with the other Services and in combined planning with U.S. allies. This mission requires not only deployable forces capable of sustained operations at sea, but also a shore establishment capable of providing essential logistics support, including training and maintenance. The Navy bases ashore (operating bases, supply centers, shipyards, aircraft rework facilities, weapons stations, etc.), which support the fleet, must be located to ensure flexibility and responsiveness.

Based on the composition of the fleet, criteria have been established for homeporting specific units. These criteria define the number of bases and support capabilities required on each coast. An operational consideration of great importance is that as many ships as possible be overhauled in proximity to their homeports. This consideration, coupled with the types of ships to be maintained, results in criteria for maintenance facilities. Criteria utilized for fleet aircraft basing are to retain the minimum number of bases for programmed aircraft and to collocate carrier-based tactical and carrier-based ASW aircraft. Similarly, the size and composition of the fleet determine the types, numbers, and location of aircraft rework facilities, ordnance activities, weapons ranges, and other support facilities. Selected fleet training is provided

at fleet operating bases while other specialized education and training complexes support recruit training, specialized skill training, officer acquisition training, undergraduate flight training, etc. Whenever possible, initial skill training is provided in close proximity to acquisition training.

Operating bases are the heart of the Navy's shore facilities, providing deep water harbors with pier space and anchorages, cargo staging and loading areas, ship and aircraft depot maintenance and other support facilities. These operating bases provide aviation, supply, maintenance, medical and training support direct to the fleet. These bases are key distribution centers for both material and maintenance support. While they differ in size, all have the essential quality of being integrated and providing synergistic support to operating forces, i.e., ships and aircraft.

Since 1968, the fleet experienced significant reductions in both ships and aircraft. Consequently, the Shore Establishment has been realigned through a series of planned management actions to more appropriately support this reduced fleet. These actions have reduced the number of Active Ship Homeport complexes; aircraft basing complexes; Naval Shipyards; and Air Rework Facilities. Over the next few years as the mix and type of ships continue to change, fleet force levels are expected to increase over today's numbers. The changes in the number of ships, and to a lesser extent aircraft, coupled with the increase in physical size of the ships will again impact shore facilities which must reflect these changes. MILCON projects will be required to meet the additional demands imposed on the shore establishment by a changing fleet.

III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

The function of the Navy's Shore Establishment is to provide effective, economical support to the fleet. Variations in the structure, composition or weaponry of the fleet affect the structure of the Shore Establishment as do technological advances or changes in training doctrine. Changes in deployment policy, political considerations in host countries, and resource availability are also included in the numerous factors affecting the Shore Establishment. In order to assess the impact of these variables, a continuing review of the structure and effectiveness of the Shore Establishment is required.

A brief discussion of the missions by Installation Defense Planning and Programming Category follows. A listing of the major activities within these categories is provided in Section VI.

STRATEGIC DES (100)

The Submarine Base, Bangor, Washington, is in a developmental status and is scheduled to be fully operational in August 1981. The Submarine Support Base, Kings Bay, Georgia, is in a developmental status with initial operational capability expected in July 1979.

GENERAL PURPOSE FORCES (200)

The two primary functions of the Navy are sea control and power projection. The forces fulfilling these functions are submarines, carriers with their assigned aircraft, other surface combatants and maritime patrol air forces. The high degree of logistic support required by these forces is provided by these "General Purpose" installations. Homeporting facilities for ships and aircraft, maintenance, logistic support and specialized training are representatives of the fleet support requirements met by these installations or activities which are their tenants.

The Reserve Air Stations support the Ready Reserve Air Squadrons.

AUXILIARY FORCES (300)

The Navy Command and Control System provides the means to effectively exercise the operational direction of naval forces in peace and war. Its objectives are to ensure that the National Command Authorities, unified commanders, naval component commanders, and subordinate naval commanders are able to discharge their responsibilities by receiving sufficient, accurate and timely information on which to base their decisions and by having available the means to communicate these decisions to the forces involved. Effective control over its forces allows the Navy to operate on a coordinated basis in fulfilling its world-wide operational responsibilities.

Under the Chief of Naval Material, the Navy's RDT&E Community is organized on a center of excellence concept under which each activity is responsible for a given technological area. Technology will have an ever increasing impact on the development of a balanced force structure. The accelerating rate of technological improvements impacts on the nature of the future threat as well as the capabilities of naval forces.

MISSION SUPPORT FORCES (400)

The primary functions of the Navy are sea control and power projection. These functions are performed by surface combatants with associated aircraft, submarines, maritime patrol air forces and amphibious forces. Navy amphibious task forces and Marine amphibious forces are a major, specialized element in the execution of the power projection function. All these forces require a high degree of logistic support ranging from homeporting facilities for ships and aircraft to weapons, maintenance and supply support. A broad range of fleet support requirements is provided by these installations. In addition, these activities provide logistic support to activities of the Naval Shore Establishment located in the same geographic complex.

The Reserve Training Centers support the Ready Reserve Forces.

CENTRAL SUPPORT FORCES (500)

The Navy Medical Department, through a network of regional medical centers and associated hospitals and dispensaries, provides medical care in support of the fleet and to other qualified beneficiaries.

The Naval Education and Training Command is responsible for providing trained personnel to man and support the fleet. Included in this mission are recruit training, officer acquisition training, specialized skill training, flight training and professional development education. Additional data is available in the Military Manpower Training Report.

Logistics activities such as inventory control points and construction battalion centers provide specialized support to the fleet.

INDIVIDUAL (600)

None.

IV. BASE OPERATIONS COSTS (BOC) FOR FY 1980

A summary of the estimated FY 1980 Base Operating Costs as defined in the Introduction follows.

TABLE X
MAJOR DEFENSE PROGRAMS
NAVY BASE OPERATIONS COSTS (\$ MILLIONS)

	<u>Fifty States</u>	<u>U.S. Territories and Possessions</u>	<u>Foreign Overseas Areas</u>	<u>Total</u>
Strategic (01)	\$ 170.8	\$ -	\$ -	\$ 170.8
General Purpose(02)	1,343.7	147.4	564.1	2,055.2
Intell. & Comm. (03)	\$50.7	12.7	42.2	105.6
Air/Sealift (04)	-	-	-	-
Guard & Reserve (05)	194.7	-	-	194.7
Research & Develop. (06)	333.1	-	2.4	335.5
Cent. Supply & Maint. (07)	629.9	6.6	14.0	650.5
Trng. Med. & Other Pers. (08)	773.4	13.1	56.1	842.6
Admin. & Assoc. (09)	142.9	-	-	142.9
Spt. of Other Nations (10)	-	-	-	-
Total	\$3,639.2	\$179.8	\$678.8	\$4,497.8

V. ACTIONS TO REDUCE BASE OPERATIONS SUPPORT (BOS) COSTS

The architecture of the Navy places the responsibility for executing Base Operations under the mission of each individual shore activity. To assist in this responsibility, major claimants perform a strong management role, and the staff of the Navy Department provides guidance and long term objectives. Consistent with the new standard definition for Base Operations, the Navy has established a central program manager for Base Operating Support (BOS). A framework to manage this program is being established consistent with the management system of the existing maintenance of real property (MRP) program to be responsive to the needs of the operating forces, and the requirements of OSD, OMB and Congress.

The MRP program involves a management technique which relates the condition of the Naval Shore Establishment to fleet readiness. Shore activities conduct a continuous inspection program which forms the basis for an annual assessment by major claimants of the Backlog of Maintenance and Repair (BMAR) and the significance of the BMAR with regard to readiness. In order to evaluate significance, facilities are divided into 18 discrete investment categories (IC), each with a different relation to readiness. The annual process further includes MRP program objectives by IC which are approved personally by the CNO and which form the basis for the funding levels contained in the programming and budgeting process. Analysis of the MRP requirements includes a statement of the funding levels required to perform the "minimum cost of ownership" and funding necessary to reduce the BMAR. This method is open, comprehensive, readiness sensitive, minimum funding oriented, understood by all levels, and responsive to the guidance of OSD.

It is around this MRP framework that a management system for the remaining portions of Base Operations is being developed.

LONG-RANGE GOALS OF BASE OPERATIONS MANAGEMENT

To provide an adequate level of support at shore activities, with the minimum commitment of resources, to permit operating forces to perform their missions at a high level of readiness.

MAJOR OBJECTIVES

Within the context of the parameters defined by the new standard definition for base operations and considering the initial stages of the Navy's overall total management of this

area, the following major objectives have been identified.

- To determine and provide funding alternatives for Base Operations program deficiencies at the shore activity level that detract from the Navy's ability to support the operating forces.
- To determine and provide funding alternatives for Base Operations program deficiencies in personnel support areas that directly impact the Navy's ability to retain quality personnel and that detract from the quality of life for all naval personnel.
- To recover from a long-term trend of depressed funding in the MRP which has resulted in marginal to poor facility conditions with potential for impact on readiness and adverse life cycle economics.
- To conform to the direction of Executive Order 12003 and reflect a reduction in energy consumption in the naval Shore Establishment.

The Base Operations of the Navy are directly related to the shape and size of the naval Shore Establishment which is directly related to the shape and size of the operating forces. The method of accomplishing the objectives in Base Operations is directed toward identifying the minimum resources required to adequately support the operating forces. Considering this direct overhead relationship, the objective of establishing a "minimum cost of ownership", and the unilinear architecture of the Navy, there are no alternative methods for accomplishing management improvement.

Shore Establishment Realignment (SER) studies are presently underway or have been recently concluded at 27 activities. When complete, the detailed studies will have evaluated two Recruit Training Commands, six Naval Hospitals, seven Naval Air Reserve Detachments, supply functions at three Naval Air Stations and nine other Naval activities. Approval of realignment recommendations from SER studies would result in a change of BOS at host activities, with an overall reduction of BOS costs anticipated.

SECTION VI

NAVY BASE STRUCTURE

TABLE XI
SUMMARY OF NUMBER OF NAVY INSTALLATIONS, ACTIVITIES AND PROPERTIES

<u>Mission Category</u> <u>(IDPPC)</u>	<u>Fifty States</u>	<u>U. S. Territories</u> <u>and Possessions</u>	<u>Foreign</u> <u>Areas</u>	<u>Total</u>
STRATEGIC FORCES				
- Strategic (101)	1			1
GENERAL PURPOSE FORCES				
- General Purpose (202)	35	4	7	46
- Guard & Reserve (205)	6			6
AUXILIARY FORCES				
- Intell. & Comm. (303)	21	5	14	40
- Research & Develop. (306)	30		1	31
MISSION SUPPORT FORCES				
- Strategic (401)	1			1
- General Purpose (402)	27	3	8	38
CENTRAL SUPPORT FORCES				
- Central Supply & Maint. (507)	58	5	7	70
- Training, Medical, & Other Personnel (508)	69	1	3	73
TOTAL NAVY	248	18	40	306

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 DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 STRATEGIC FORCES
 UNITED STATES
 FY 1980

Installation	City	APFA Mil	APFA Civ.	APFA Tot.	Total Pers	Manr	Land Area	Rera	Major Unit-Activity-Function
STRATEGIC 11011									
NAVY DIVISION									
NAVAL SUBMARINE BASE, BANGOR	BANGOR	*	*	*	*	*	*	*	SUBMARINE BASE

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 DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 GENERAL PURPOSE FORCES
 UNITED STATES
 FY 1990

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers	Rank	Leads Across	Rate	Major Unit-Activity Function
GENERAL PURPOSE (202)									
ALASKA									
NAVAL STATION, ADAK	ADAK	1086	105	1051	1051	10	54428	5	PATROL AIRCRAFT
CALIFORNIA									
NAVAL AIR FACILITY, EL CENTRO	EL CENTRO	245	209	514	581	16	318415	1	FLEET AIR TRAINING SUPPORT
NAS, LEMORE	LEMORE	4815	743	5258	5489	10	29823	16	ATTACK AIRCRAFT
NAS, NORTH ISLAND	SAN DIEGO	22631	8750	31381	34636	1	47222	2	EARLY WARNING/ASW AIRCRAFT, WARF
NAVAL OLF IMPERIAL BEACH, CA	IMPERIAL BEACH						7168	19	OUTSTANDING FIELD
NAVAL OLF SAN CLEMENTE, CA	SAN CLEMENTE						36200	6	AUXILIARY FIELD
NAS, MCMAHER	SAN DIEGO	9224	1065	10289	11518	5	22803	12	FIGHTER & ATTACK AIRCRAFT
NAS, AMERICA	SAN FRANCISCO	5558	910	12408	14771	4	2697	24	SUPPORT AIRCRAFT, WARF
NAVAL AIRFIELD	SAN JOSE	1822	687	5509	7688	9	3909	23	PATROL AIRCRAFT
NAVAL ALF CROWS LANDING, CA	PATTERSON						7416	17	AUXILIARY FIELD
FLORIDA									
NAS, JACKSONVILLE	JACKSONVILLE	8583	4819	13402	18322	2	15966	14	PATROL & ASW AIRCRAFT, WARF
LAKE GEORGE TARGET, FL	JACKSONVILLE						23	34	TARGET
STEVENS LAKE TARGET, FL	CAMP BLANDING						2554	26	TARGET
PHILMAN TARGET, FL	BOSTWICK						78	31	TARGET
WORMAN TARGET, FL	JACKSONVILLE						2693	25	TARGET
PINECASTLE RANGE, FL	ASTOR						5825	20	TARGET
NAS, GULF FIELD	JACKSONVILLE	7486	689	8175	9352	9	19224	13	ATTACK & ASW AIRCRAFT
NAVAL OLF WHITEHOUSE, FL	JACKSONVILLE						2481	27	AUXILIARY TRAINING FIELD
NAS, FET WEST	KTY WEST	3141	682	3813	4241	11	5219	21	RECONNAISSANCE AIRCRAFT
HAWAII									
NAS, BARBERS POINT	HONOLULU	3299	304	3603	4216	12	32670	9	PATROL AIRCRAFT
KALAE ROCK, HI	HONOLULU						108	29	TARGET
NAVAL AIR FIELD ISLAND, HI	HONOLULU						229	26	AUXILIARY TRAINING FIELD
KANOE, AVE ISLAND, HI	MAUNAE						26777	11	TARGET
MAINE									
NAS, PATERSONICK	BRUNSWICK	3161	454	3615	3839	13	7250	18	PATROL AIRCRAFT

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
INTERNAL PURPOSE FORCES
UNITED STATES
FY 1980

Installation	City	AFA Mil.	AFA Civ.	AFA Tot.	Total Pers.	Rank	Land Area Acres	Major Unit-Activity-Function
NEVADA NAT. FALLON TARGETS B 16, 17, 19, 21, NV	FALLON FALLON	1236	303	1539	2203	14	152303 87275	3 ATTACK AIRCRAFT TRAINING 4 TARGETS
VIRGINIA NAT. NORFOLK NAT. OCEANA NAVY ALF FENTRESS, VA ALPHEM POINT, NC FARMILN ISLAND, VA	NORFOLK VIRGINIA BEACH CHESAPEAKE COLUMBIA CRISFIELD, MD	8991 8937 1 1 1	4115 695 1 1 1	15109 3532 2 2 2	17849 10620 3 3 3	3 7 1 1 1	3951 8986 9765 97 30	22 EARLY WARNING/ASW AIRCRAFT, NARP 16 FIGHTER 5 ATTACK AIRCRAFT 15 AUXILIARY TRAINING FIELD 30 RANGE 33 RANGE
WASHINGTON NAT. WHITNEY ISLAND NAT. SHANAHAN PAPER, ON KAYAL OF COUPEVILLE, WA	OAK HARBOR BOHEMAN COUPEVILLE	7017	896	7913	10099	6	71009 173760	5 ATTACK/EEC WARFARE AIRCRAFT 2 RANGE 32 AUXILIARY TRAINING FIELD
GIANT AIRB RESERVE (205) NORTH NAT. ATLANTA	MAKETTA	555	131	686	1871	6	167	6 RESERVE AIR TRAINING
ILL. INDIAN NAT. GLENVIEW	GLENVIEW	1035	313	1348	4208	4	1288	3 RESERVE AIR TRAINING
LOUISIANA NAT. NEW ORLEANS	NEW ORLEANS	1037	616	1653	3618	5	4193	1 RESERVE AIR TRAINING
MASSACHUSETTS NAT. SOUTH WYBROUTH	SOUTH WYBROUTH	2321	254	2575	7068	2	2314	2 RESERVE AIR TRAINING
PENNSYLVANIA NAT. MILLON GROVE	HONSHAM	873	346	1435	7246	1	1015	4 RESERVE AIR TRAINING

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DEPARTMENT OF DEFENSE
NAVY BASE SINGAPORE
GENERAL PURPOSE FORCES
UNITED STATES
11 1980

Installation	City	AFPA		AFPA		Total	Rank	Major	Unit	Activity	Function
		Mil	Civ	Tot	Pers						
ILNAS NAS, DALLAS	DALLAS	950	510	1465	5300	3	030	3	RESERVE	AIR	TRAINING

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
GENERAL PURPOSE FORCES
UNITED STATES TERRITORIES AND POSSESSIONS
FY 1980

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
GENERAL PURPOSE FORCES
Military Installations Used By
The U S Forces in Foreign Areas
FY 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	Total Purp	Area Acres	Rank	Major Unit Activity Function
GENERAL PURPOSE (202)								
BENIN								
NAVAL AIR STATION, BENIN	ST GEORGE	1162	449	1611	1651	5	1437	4 PATROL AIRCRAFT
CUBA								
NAVAL STATION, QUANTANAMO BAY	QUANTANAMO BAY	2013	744	2757	2957	3	28817	1 OPERATING BASE
GREECE								
NAVAL AIR STATION, SOUDA BAY	CRETE	0	0	0	0	0	95	6 NAVAL AIR/FLEET SUPPORT
ICELAND								
NAVAL STATION, KEFLAVIK	KEFLAVIK	3181	1025	4206	4244	1	23344	2 FLT SUPPORT/PATROL AIRCRAFT
ITALY								
NAVAL AIR FACILITY, SIGONELLA	SIGONELLA	2122	371	2493	2662	4	504	5 PATROL/FLEET AIRCRAFT

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
GENERAL PURPOSE FORCES
Military Installations Used By
the U. S. Forces in Foreign Areas
FY 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	AFIA Total Purs	Naval Base	Naval Base	Major Unit-Activity-Function
JAPAN								
NAVAL AIR FACILITY, ATSUGI	ATSUGI	736	023	1361	1382	6	4221	3 RECONNAISSANCE AIRCRAFT
PHILIPPINES								
NAVAL AIR STATION, CUBI POINT	CUBI POINT	2932	1181	4113	4187	2	0	0 ATTACK/ASW AIRCRAFT

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
AUXILIARY FORCES
UNITED STATES
FY 1980

Installation	City	AFTA Mil	AFTA Civ	AFTA Tot	Total Funs	Rank	Land Area	Rank	Major Unit-Activity-Function
INTELLIGENCE AND COMMUNICATIONS (303)									
ALASKA									
NAVAL SECURITY GROUP, ADAM	ADAK	550	3	553	553	5	7503	1	COMMUNICATIONS
CALIFORNIA									
NAVAL FACILITY, PT SUR	BIG SUR	110	17	127	127	19	48	18	OCEANOGRAPHIC RESEARCH
NAVAL FAC, CENTERVILLE BEACH	PERIDALE	249	20	269	228	9	48	18	OCEANOGRAPHIC RESEARCH
NAVAL COMM STA, SAN DIEGO	SAN DIEGO	169	24	213	240	14	622	9	COMMUNICATIONS
NAV SECURITY GP ACT, SKAGS IS	SANOMA	280	25	305	313	11	3309	3	COMMUNICATIONS
NAVAL COMM STA, STOCKTON	STOCKTON	531	440	971	971	3	2789	5	COMMUNICATIONS
DELAWARE									
NAVAL FACILITY, LEVES	LEVES	108	17	125	125	20	304	11	OCEANOGRAPHIC RESEARCH
DIST OF COLUMBIA									
NAVAL OBSERVATORY	WASHINGTON	41	310	351	355	8	72	14	NAVAL OBSERVATORY
NAVAL PHOTOGRAPHIC CENTER	WASHINGTON	123	203	326	326	10	10	20	PHOTOGRAPHIC SUPPORT
NAVAL SECURITY STA, WASHINGTON	WASHINGTON	538	681	1219	1219	2	38	19	COMMUNICATIONS
FLORIDA									
NAVAL SECURITY GROUP, HOMESTEAD	HOMESTEAD	339	48	447	447	6	815	8	COMMUNICATIONS
HAWAII									
NAV COMM AREA MASTER STA, EPAC	HONOLULU	1482	228	1710	1710	1	2430	6	COMMUNICATIONS
MAINE									
NAVAL COMM UNIT, CUTLER	EAST MAINTAS	113	101	214	214	15	2999	4	COMMUNICATIONS
NAV SECURITY GP ACT, WINTER HA	WINTER HARBOR	342	55	397	444	7	543	10	COMMUNICATIONS
MARYLAND									
NAVAL COMM UNIT, WASHINGTON	CHELSEA	107	155	262	301	12	200	12	COMMUNICATIONS

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
AUXILIARY FORCES
UNITED STATES
FY 1980

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 DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 AUXILIARY FORCES
 UNITED STATES
 FY 1980

Installation	City	AFIA		AFIA Tot.	AFIA Total Pops	Area Acres	Rank	Major Unit-Activity-Function
		Mil	Civ					
DIST OF COLUMBIA NAVAL RESEARCH LABORATORY	WASHINGTON	58	3828	3886	3699	5	862	13 PHYSICAL SCIENCES RESEARCH
FLORIDA NAV COASTAL SYSTEMS LABORATORY	PANAMA CITY	268	672	940	1113	14	681	17 COASTAL REGION WARFARE
INDIANA NAVAL AVIONICS CENTER	INDIANAPOLIS	8	2363	2374	2374	10	167	21 AVIONICS REPAIR
MARYLAND O W TAYLOR NAV SHIP R&D CTR NAVAL SHIP R&D CTR, ANNAPOLIS, MD	BETHESDA ANNAPOLIS	13	1631	1641	1641	12	211	20 R&D-SHIP TECHNOLOGY
MD NAVAL AIR TEST CTR, PAX RIVER WENTZEL FIELD, MD	LEXINGTON PARK ST INIGOE	3161	3091	6252	7302	1	6872	24 R&D-SHIP TECHNOLOGY
CHESAPEAKE TRACKING SITE, MD	LEXINGTON PARK						968	6 T&E AIRCRAFT SYSTEMS
NAV SURFACE WEAPONS CTR, WFOC SOLUTIONS FACILITY, MD	SILVER SPRING	33	2181	2214	2314	11	1059	12 TEST SITE
NAVAL SURFACE WEAPONS CTR, VA	DAHLGREN	67	2088	2155	2947	8	861	16 TRACKING SITE
NEW JERSEY NAVAL AIR ENG CTR, LAKEHURST NAVAL AIR PROPU SHIP CENTER	LAKEHURST THENTON	1238	2110	3348	4176	4	7399	11 R&D-NAVAL WEAPONS
		8	554	602	602	16	73	12 TEST SITE
NEW JERSEY NAVAL AIR DEVELOPMENT CENTER	WARMINGTEN	258	2159	2417	2647	9	831	7 RUTGE-ORUNANCE TECHNOLOGY
RHODE ISLAND NAVAL UNDERWATER SYS CTR NAV UNDERWATER SYS DEV CTR, RI, CT	RIEUPONT NEW LONDON	109	1524	1633	3198	7	215	5 AIRCRAFT LAUNCH/RECOVERY SYS
		27	1297	1324	1476	13	152	25 ENGINE T&E ACTIVITIES
ILLINOIS LUDLOW HILL LABORATORY, RD LAKE SENECA, NY FISHERS ISLAND, NY	HEMPHRA SENECA PENTAC						8	15 AIRCRAFT TECHNOLOGY
							5	19 UNDERSEA WARFARE R&D
							154	23 R&D-UNDERSEA WARFARE
							5	28 TEST SITE
							5	29 TEST SITE
							154	22 TEST SITE

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DEPARTMENT OF DEFENSE
NAVY GSE STRUCTURE
AUXILIARY FORCES
UNITED STATES TERRITORIES AND POSSESSIONS
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Acres	Land Area	Mark	Major Unit-Activity-Function
NAVAL COMM STA, BALBOA NAVAL SECURITY WP ACT, GALETA	BALBOA GALETA ISLAND	146	58	206	214	4	1466	5	1466	5 COMMUNICATIONS
NAVAL COMM AREA MASTER STA, WPAO	MAHA OKIN, GUAM	46	4	50	50	5	2506	4	2506	4 COMMUNICATIONS
NAVAL COMM STA, PUERTO RICO NAVAL SECURITY GRP, SABANA SECA	PUERTO RICO SABANA SECA	1534	103	1637	1654	1	4804	1	4804	1 COMMUNICATIONS
NAVAL COMM STA, PUERTO RICO NAVAL SECURITY GRP, SABANA SECA	PUERTO RICO SABANA SECA	308	126	434	507	2	2080	3	2080	3 COMMUNICATIONS
		254	64	318	358	3	2617	2	2617	2 COMMUNICATIONS

INTELLIGENCE AND COMMUNICATIONS (333)

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
AUXILIARY FORCES
Military Installations Soud BY
the U S Forces In Foreign Areas
FY 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	Total Pers	Mark	Land Area	Mark	Major Unit-Activity Function
INTELLIGENCE AND COMMUNICATIONS (J03)									
ANTIGUA									
NAVAL FACILITY, ANTIGUA	ANTIGUA	112		112	145	12	132	10	OCEANOGRAPHIC RESEARCH
AUSTRALIA									
NAV COMMUNICATIONS STA. EXPOUTH	EXPOUTH	376	223	599	599	2	18159	1	COMMUNICATIONS
BAHAMAS									
NAVAL FACILITY, ELEUTHENA	ELEUTHENA	137	60	197	214	8	507	5	OCEANOGRAPHIC RESEARCH
BENINUA									
NAVAL FACILITY, BENINUA	ST GEORGE	167	2	169	172	10	17	12	OCEANOGRAPHIC RESEARCH
CANADA									
NAVAL FACILITY, ARGENTIA	ARGENTIA, N. LAND	352	138	490	510	4	9066	2	OCEANOGRAPHIC RESEARCH

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DEPARTMENT OF DEFENSE
NAVY NAVAL STRUCTURE
AUXILIARY FORCES
Military Installations Used By
the U. S. Forces in Foreign Areas
F-1980

Installation	City	AFIA Mil	AFIA Liv	AFIA Tot	AFIA Total For	Rank	Across	Naval	Unit Activity Function
NAV LORRY STA, NEA NAHRI	NEA NAHRI	332	123	455	455	7	409		COMMUNICATIONS
NAVCARS, MEDITERRANEAN	NAPLES	410	79	489	497	6	15	1	COMMUNICATIONS
NAVAL COMM FAC, OKINAWA NAV LORRY STA, YOKOSUKA	ONNA PT, OKINAWA YOKOSUKA	500	2	502	503	3	1167	4	COMMUNICATIONS
NAV LORRY STA, SAN MIGUEL	SAN MIGUEL	308	139	507	507	6	1242	3	COMMUNICATIONS
NAV COMMUNICATIONS STA, WOTA	WOTA	1108	13	1121	1157	1	159	9	COMMUNICATIONS

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
AUXILIARY FORCES

Military Installations Used By
the U.S. Forces in Foreign Areas
FY 1980

Installation	City	AFIA		AFIA		Total	Naval	Land Area	Major Unit Activity Function
		Mil	Civ	Int	Per S				
THIRD AIR FORCE 151									
NAVAL FACILITY, GRAND TURK	GRAND TURK	116	40	156	156	11	64	11	OCEANOGRAPHIC RESEARCH
UNITED KINGDOM									
NAVAL SECURITY GP ACT, EDZELL	EDZELL, SCOTLAND	0	0	0	0	0	413	7	COMMUNICATIONS
NAVAL LOWN STA, THIRSGO	THIRSGO, SCOTLAND	126	53	179	178	9	250	8	COMMUNICATIONS

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 DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 MISSION SUPPORT FORCES
 UNITED STATES
 FY 1980

Installation	City	AFA Mil	AFA Civ	AFA Tot	Total Para	Naval	Land Area	Naval	Major Unit-Activity-Function
STRATEGIC (401)									
SOUTH CAROLINA									
NAVAL WEAPONS STA, CHARLESTON	CHARLESTON	3857	1203	5060	5061	1	16581	1	WEAPONS SYSTEMS SUPPORT
GENERAL PURPOSE (402)									
CALIFORNIA									
NAVAL AMPHIB BASE, CORONADO	CORONADO	3178	339	3517	1472	13	4049	2	AMPHIBIOUS WARFARE SUPPORT
NAV SUPPORT ACT, LOS ANGELES	LONG BEACH	1135	416	1551	1834	19	1154	9	FLEETSHORE ESTABLISHMENT SPT
NAV CONSTRUCTION CTR, PT WARENE	PORT HURON	5015	3794	8809	10327	5	2458	4	CONSTRUCTION FORCE SUPPORT
NAVAL STATION, SAN DIEGO	SAN DIEGO	3555	2333	5888	6005	8	1175	8	OPERATIVE BASE
NAV SUB SUPPORT FAC, SAN DIEGO	SAN DIEGO	5803	1568	7451	7478	5	307	19	SUBMARINE FORCE SUPPORT
NAV SUB SUPPORT ACT, TREASURE IS	SAN FRANCISCO	1149	686	1835	2407	17	1087	12	FLEETSHORE ESTABLISHMENT SPT
CONNECTICUT									
NAVAL SUB BASE, NEW LONDON	GRONON	13211	1027	14238	15934	2	1088	11	SUBMARINE FORCES SUPPORT
DIST OF COLUMBIA									
WASHINGTON NAVY YARD	WASHINGTON	2211	4036	6247	6671	9	542	14	ADMINISTRATIVE SUPPORT
HAWAII									
NAVAL STATION, HONOLULU	HONOLULU	13144	697	13841	14018	4	3515	3	OPERATIONAL BASE
NAVAL SUB BASE, PEARL HARBOR	HONOLULU	2324	260	2584	2722	15	103	28	SUBMARINE FORCES SUPPORT
NAVAL STATION, PEARL HARBOR	HONOLULU	12921	1396	14327	15636	3	830	13	OPERATIONAL BASE
PEARL CITY, HI	PEARL CITY	.	.	.	.	.	40	26	OPERATIONAL SUPPORT
PEARL CITY, HI	PEARL CITY	.	.	.	.	.	40	27	OPERATIONAL SUPPORT
PEARL CITY, HI	PEARL CITY	.	.	.	.	.	189	22	OPERATIONAL SUPPORT
PEARL CITY, HI	PEARL CITY	.	.	.	.	.	400	17	LOGISTICS SUPPORT
PEARL CITY, HI	PEARL CITY	106	24	OPERATIONAL SUPPORT
PEARL CITY, HI	PEARL CITY	320	18	OPERATIONAL SUPPORT

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
MISSION SUPPORT FORCES
UNITED STATES
FY 1980

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
MISCELLANEOUS SUPPORT FORCES
UNITED STATES TERRITORIES AND POSSESSIONS
FY 1980

Installation	City	AFSA Mil	AFSA Civ	AFSA Tot	Total Pers	Land Area Acres	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (46/2)								
NAVAL SUPPORT ACT, CANAL ZONE	HODMAN	155	173	328	768	2	10663	2 LOGISTIC SUPPORT
NAVAL STATION, GUAM	NAHA OKIN, GUAM	456	617	1103	1103	1	28867	1 FLEET SUPPORT
NAVAL STATION, MIDWAY	MIDWAY ISLAND	335	0	335	340	3	1471	3 FLEET SUPPORT

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
MISSION SUPPORT FORCES
Military Installations Used By
and U. S. Forces in Foreign Areas
BY 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	AFIA Total Pops	Land Area Acres	Revs	Major Unit-Activity-Function
GENERAL PURPOSE (402)								
DIEGO GARCIA								
NAVAL SUPPORT FACILITY	DIEGO GARCIA	1452	2	1454	1454	6	7000	2 SUPPORT ACTIVITIES
ITALY								
NAV SUPPORT ACT, LA MADDALENA NAVAL SUPPORT ACTIVITY, NAPLES	LA MADDALENA NAPLES	152	51	203	203	8	5	8 SEAPLANE SUPPORT 5 FLEET SUPPORT
JAPAN								
NAVAL FLEET ACTIVITY, YOKOSUKA	YOKOSUKA	960	1034	1994	1994	4	3542	4 FLEET SUPPORT
PHILIPPINES								
NAVAL STATION, SUBIC BAY	SUBIC BAY	947	471	1418	1618	5	13937	1 ORIENTING BASE

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
MISSION SUPPORT FORCES
Military Installations Used By
The U. S. Forces in Foreign Areas
FY 1980

Installation	City	AFIA		AFTA		Total	Mark	Land Area	Mark	Major Unit-Activity-Function
		Mil	Civ	Tot	Pers					
SPAIN										
NAVAL STATION, ROTA	ROTA	3436	229	3675	3826	1	0823	3	OPERATING/AIR BASE	
UNITED KINGDOM										
NAVAL SUPPORT ACT, HOLY LOCH	LONDON, SCOTLAND	2925	12	2957	2957	3	15	6	FLEET SUPPORT	
NAVAL SUPPORT ACT, LONDON	LONDON	607	135	742	742	7	6	7	FLEET, SHORE ESTAB. SUPPORT	

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
CENTRAL SUPPORT FORCES
UNITED STATES
FY 1980

Installation	City	AFIA Mil	AFIA Civ	AFTA Tot	AFTA Pore	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (507)									
CALIFORNIA									
NAVAL WEAPONS STA, CONCORD	CONCORD	752	1129	1881	1925	21	12947	3	ORDNANCE SUPPORT
LONG BEACH NAVAL SHIPYARD	LONG BEACH	45	7359	7404	7672	7	350	35	SHIP ALTERATION/REPAIR
NAVAL SUPPLY CTR, OAKLAND	OAKLAND	758	2537	3293	3870	13	1053	22	SUPPLY SUPPORT
NAV PUBL IC WKS CTR, S F-RAN	OAKLAND	11	1081	1102	1-02	24	696	28	FACILITIES SUPPORT
NAVAL IND RESERVE PLANT	POMONA						165	43	MISSILE SYSTEMS (C)
NAVAL SUPPLY CTR, SAN DIEGO	SAN DIEGO	818	1815	2633	2-67	17	872	26	SUPPLY SUPPORT
NAVAL FUEL DEPOT, SAN PEDRO, CA	SAN PEDRO						330	36	STORAGE-FUELS
NAV PUBL IC WKS CTR, SAN DIEGO	SAN DIEGO	3	1033	1036	1036	28	1489	19	FACILITIES SUPPORT
HUNTERS POINT NAVAL SHIPYARD	SAN FRANCISCO						912	23	SHIP REPAIR (1)
NAVAL WEAPONS STA, SEAL BEACH	SEAL BEACH	339	1905	2244	2322	18	13960	2	ORDNANCE SUPPORT
PAINE ISLAND NAVAL SHIPYARD	VALLEJO	3964	10061	14025	14277	1	5895	10	SHIP ALTERATION/REPAIR
CONNECTICUT									
NAVAL WEAPONS IND RESERVE PLT	BLOOMFIELD							50	PRODUCTION-HELICOPTERS (C)
FLORIDA									
NAVAL AIR DEPOT, JACKSONVILLE	JACKSONVILLE							42	STORAGE-FUELS
NAV PUBLIC WKS CTR, PENSACOLA	PENSACOLA	9	799	808	808	27	181	40	FACILITIES SUPPORT
NAVAL WEAPONS IND RESERVE PLT	WEST PALM BEACH						400	34	STORAGE-AIRCRAFT PARTS (C)
HAWAII									
PEARL HARBOR NAVAL SHIPYARD	HONOLULU	296	6466	6762	6762	8	117	47	SHIP ALTERATION & REPAIR
NAVAL SUPPLY CTR, PEARL HARBOR	HONOLULU	35	703	738	760	28	840	27	SUPPLY SUPPORT
NAVAL MAGAZINE, LUALUALEI	HONOLULU	276	174	450	450	32	12004	54	ORDNANCE SUPPORT
KOLE KOLE PASS, HI	WAIIPAHU						31	30	LOGISTICS SUPPORT
WAIIPAHU, HI	WAIIPAHU						522	30	LOGISTICS SUPPORT
WEST LOCH, HI	WAIIPAHU						10273	8	AMMUNITION STORAGE
WAIPIIO PENINSULA, HI	WAIIPAHU						2691	13	AMMUNITION STORAGE
LOMER KIPAPA, HI	WAIIPAHU						40	52	LOGISTICS SUPPORT
NAV PUB WKS CTR, PEARL HARBOR	PEARL HARBOR	12	1614	1632	1632	23	2115	15	FACILITIES SUPPORT

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 DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 CENTRAL SUPPORT FORCES
 UNITED STATES
 FY 1980

Installation	City	AFIA Mil.	AFIA Civ.	AFIA Tot.	Total Pop.	Rank	Land Area- Acres	Major Unit-Activity-Function
ILLINOIS NAV PUBLIC WKS CTR, G LAKES	NORTH CHICAGO	11	625	636	691	29	540	29 FACILITIES SUPPORT
INDIANA NAV WEAPONS SUPPORT CTR, CRANE NAVAL IND RESERVE ORDNANCE PLT	CRANE MISHAWAKA	55	3675	3630	3638	12	62509	1 WEAPONS SYSTEM & ORDNANCE SPT 55 MISSILE SUPPORT (C)
KENTUCKY NAV ORDNANCE STA, LOUISVILLE	LOUISVILLE	7	2507	2514	2515	19	129	45 ORDNANCE SUPPORT
MAINE NAVAL INDUSTRIAL RESERVE PLANT	SOUTH BRISTOL						15	57 TEST FACILITY
MARYLAND NAVAL IND RESERVE ORDNANCE PLT NAVAL ORDNANCE STA, INDIAN HEAD	CUMBERLAND INDIAN HEAD	545	2124	2569	3098	14	1577 3448	18 R&D-PROPELLANTS (C) 12 ORDNANCE SUPPORT
MASSACHUSETTS NAVAL WEAPONS IND RESERVE PLT NAVAL IND RESERVE ORDNANCE PLT	BEDFORD PITTSFIELD						42 32	51 R&D-MISSILES & AIRCRAFT (C) 53 PRODUCTION-HSL COMPONENTS (C)
MINNESOTA NAVAL INDUSTRIAL RESERVE PLANT	ST PAUL						15	57 PRODUCTION-ELECTRONIC EQUIP(C)
NEW HAMPSHIRE PORTSMOUTH NAVAL SHIPYARD	PORTSMOUTH	1051	7623	8674	8746	5	286	38 SHIP ALTERATION & REPAIR
NEW JERSEY NAVAL WEAPONS STA, EARLE	COLTS NECK	909	629	1538	2074	20	11165	5 ORDNANCE SUPPORT
NEW MEXICO NAVAL ORDNANCE HSL TEST FAC	DOMA ANA						112	48 MISSILE TEST RANGE

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
CENTRAL SUPPORT FORCES
UNITED STATES
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area Acres	Rank	Major Unit-Activity-Function
NEW YORK									
NAVAL WEAPONS AND RESERVE PLT	BETHPAC						120		46 PRODUCTION-AIRCRAFT & PARTS (C)
NAVAL WEAPONS AND RESERVE PLT	CALVERTON						6951		9 PRODUCTION-AIRCRAFT (C)
NAVAL AND RESERVE ORDNANCE PLT	ROCHESTER						12		58 PRODUCTION-FUZES (C)
OHIO									
NAVAL WEAPONS AND RESERVE PLT	COLUMBUS						402		33 PRODUCTION-AIRCRAFT (C)
PENNSYLVANIA									
NAVY SHIPS PARTS CONTROL CTR	MECHANICSBURG	103	4870	5000	5076	10	874	25	INVENTORY CONTROL POINT
PHILADELPHIA NAVAL SHIPYARD	PHILADELPHIA	209	8386	3795	9155	4	524	24	SHIP ALTERATION & REPAIR
NAVAL AVIATION SUPPLY OFFICE	PHILADELPHIA	152	5712	5864	5864	6	135	44	INVENTORY CONTROL POINT
RHODE ISLAND									
NAV CONST BN CTR, DAVISVILLE	MONTICU KINGSTOWN	19	220	248	628	30	1284	21	MAINTENANCE & STORAGE (I)
SOUTH CAROLINA									
CHARLESTON NAVAL SHIPYARD	CHARLESTON	93	7308	8001	8153	6	1908	16	SHIP ALTERATION & REPAIR
NAVAL SUPPLY CTR, CHARLESTON	CHARLESTON	98	945	1047	1065	25	195	41	SUPPLY SUPPORT
TENNESSEE									
NAVAL WEAPONS AND RESERVE PLT	BRISTOL						109	49	PRODUCTION-FSL COMPONENTS (C)
TEXAS									
NAVAL WEAPONS AND RESERVE PLT	DALLAS						315	37	PRODUCTION-AIRCRAFT PARTS (C)
NAVAL WEAPONS AND RESERVE PLT	MCGREGOR						10750	7	PRODUCTION-ROCKET MOTORS (C)
UTAH									
NAVAL AND RESERVE ORDNANCE PLT	MAGNA						506	31	PRODUCTION-MISSILE PARTS (C)
VIRGINIA									
NAVAL WEAPONS STA, YORKTOWN	YORKTOWN NEWS	1171	1863	4034	3039	16	10811	6	ORDNANCE SUPPORT
NAV PERS IC WKS CTR, NORFOLK	NORFOLK	16	1880	1896	1886	22	474	32	FACILITIES SUPPORT
NAVAL SUPPLY CTR, NORFOLK	NORFOLK	443	3925	4368	4368	11	2660	14	SUPPLY SUPPORT
NORFOLK NAVAL SHIPYARD	PORTSMOUTH	560	11100	11660	12663	2	1309	20	SHIP ALTERATIONS & REPAIR

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 DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 CENTRAL SUPPORT FORCES
 UNITED STATES
 FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Head	Land Area	Major Unit-Activity-Function
WASHINGTON								
NAVAL SUPPLY NAVAL SHIPYARD	BREMERSON	302	10588	10950	11084	3	1506	17 SHIP ALTERATION & REPAIR
NAVAL SUPPLY CTR, PUGET SOUND	BREMERSON	61	502	563	617	31	268	39 SUPPLY SUPPORT
NAV UNDERSEA WARFARE ENVR STA	KLYPORT	322	2466	2818	3054	15	4077	11 UNDERWATER WEAPONS SUPPORT
TRAINING, MEDICAL AND OTHER PERSONNEL (508)								
CALIFORNIA								
NAV HIG MED CTR, LONG BEACH	LONG BEACH	429	385	814	854	27	65	54 HEALTH CARE
NAVAL POSTGRADUATE SCHOOL	MONTENEY	1598	818	2416	3779	11	430	32 PROFESSIONAL DEVELOPMENT (PG)
NAV REG MED CTR, OAKLAND	OAKLAND	1182	616	1798	1903	20	191	47 HEALTH CARE
NAV REG MED CTR, C PENSACOLA	OCEAN SIDE	737	363	1100	1100	24	339	41 HEALTH CARE
NAVAL TRAINING CTR, SAN DIEGO	SAN DIEGO	2332	504	2836	11880	5	556	26 RECRUIT & SKILL TRAINING
FLEET ASM TRAINING CTR, PAC	SAN DIEGO	2197	92	2289	3542	13	27	53 ASM TRAINING
FLEET GREAT TRAINING CTR, PAC	SAN DIEGO	5341	303	4300	1321	22	81	56 SPECIALIZED TRAINING
NAV REG MED CTR, SAN DIEGO	SAN DIEGO	1819	911	2730	3342	14	85	52 HEALTH CARE
FLORIDA								
NAV REG MED CTR, JACKSONVILLE	JACKSONVILLE	849	277	76	1126	23	74	53 HEALTH CARE
NAVAL OLF PAC, FL	MILTON	2314	533	2867	4447	8	11029	2 FLIGHT TRAINING
NAVAL OLF BREWTON, FL	MILTON						207	46 AUXILIARY TRAINING FIELD
NAVAL OLF BUDDETON, AL	MILTON						573	35 AUXILIARY TRAINING FIELD
NAVAL OLF BARTIN, AL	CONQUEST CO						673	31 AUXILIARY TRAINING FIELD
NAVAL OLF MOLEY, AL	BALUNIN						302	40 AUXILIARY TRAINING FIELD
NAVAL OLF SITE 6, FL	BALUNIN						683	25 AUXILIARY TRAINING FIELD
NAVAL OLF SPENNER, FL	SANTA ROSA						1338	21 AUXILIARY TRAINING FIELD
NAVAL OLF SA, FL	ESCAMBIA						479	36 AUXILIARY TRAINING FIELD
NAVAL OLF SANTA ROSA, FL	SANTA ROSA						1290	22 AUXILIARY TRAINING FIELD
NAVAL TRAINING CENTER, OKLAHOMA	ESCAMBIA						540	32 AUXILIARY TRAINING FIELD
NAV AERONAUTIC MED CTR, PENSACOLA	SANTA ROSA	11426	1628	13054	21470	2	738	28 AUXILIARY TRAINING FIELD
MAS, PENSACOLA	ORLANDO	451	294	705	708	31	2068	34 RECRUIT & SKILL TRAINING
NAVAL OLF FAIRBLOTH, AL	PENSACOLA	5007	6081	11128	12620	4	4235	58 HEALTH CARE
NAVAL OLF CANAL, FL	ESCAMBIA						1738	17 AUXILIARY TRAINING FIELD
NAVAL OLF CHOCATAW, FL	BALUNIN						285	44 AUXILIARY TRAINING FIELD
	PENSACOLA						552	37 AUXILIARY TRAINING FIELD
	SANTA ROSA						800	26 AUXILIARY TRAINING FIELD

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
CENTRAL SUPPORT FORCES
UNITED STATES
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers	Rank	Land Acres	Mark	Major Unit-Activity-Function
NAVAL OLF 4A, FL	ESCAMBIA	1	1	1	1	1	314	42	AUXILIARY TRAINING FIELD
NAVAL OLF SILVER HILL, AL	BALDWIN	1	1	1	1	1	749	27	AUXILIARY TRAINING FIELD
NAVAL OLF SAUFLEY, FL	PENSACOLA	1	1	1	1	1	3541	9	AUXILIARY TRAINING FIELD
NAVAL OLF KIMPOS, AL	BALDWIN	1	1	1	1	1	2680	12	AUXILIARY TRAINING FIELD
NAVAL OLF MAGNOLIA, AL	BALDWIN	1	1	1	1	1	728	29	AUXILIARY TRAINING FIELD
NAVAL OLF SUPPERDALE, AL	BALDWIN	1	1	1	1	1	1685	19	AUXILIARY TRAINING FIELD
NAVAL OLF KAISER, AL	BALDWIN	1	1	1	1	1	304	43	AUXILIARY TRAINING FIELD
NAVAL TEGH TWO CTR, CORRY STA	PENSACOLA	913	234	1147	3020	15	471	39	SPECIALIZED TRAINING
NAV ENGINE PRO DEV CTR, ELLYSON	PENSACOLA	254	411	665	685	32	608	34	TRAINING PROGRAM DEVELOPMENT
GEORGIA NAVY SUPPLY CORPS SCHOOL	ATHENS	87	62	149	470	37	58	55	SKILL TRAINING
ILLINOIS NAVAL INO CTR, NORTH CHICAGO	NORTH CHICAGO	2968	1783	4751	18065	3	1026	24	RECRUIT & SKILL TRAINING
NAV REG MED CTR, G LAKES	NORTH CHICAGO	796	235	1031	1550	21	65	52	HEALTH CARE
MARYLAND US NAVAL ACADEMY	ANNAPOLIS	920	1770	2690	7183	7	1721	18	OFFICER ACQUISITION TRAINING
NATIONAL NAVAL MEDICAL CENTER	BETHESDA	1602	1776	3378	3663	12	243	45	HEALTH CARE
MISSISSIPPI NA.S. MERIDIAN	MERIDIAN	1485	418	1903	2755	18	13508	1	FLIGHT TRAINING
NAVAL OLF BRAVO, MS	KEMPER	1	1	1	1	1	4337	7	AUXILIARY TRAINING FIELD
NAVAL OLF ALPHA, MS	LAUDERDALE	1	1	1	1	1	1785	16	AUXILIARY TRAINING FIELD
NORTH CAROLINA NAV REG MED CTR, CAMP LEJEUNE	JACKSONVILLE	487	281	768	823	28	127	48	HEALTH CARE
PENNSYLVANIA NAV REG MED CTR, PHILADELPHIA	PHILADELPHIA	547	380	927	927	25	48	57	HEALTH CARE
Rhode Island NAVAL WAR COLLEGE	NEWPORT	217	209	426	776	29	22	66	PROFESSIONAL DEVELOPMENT TNG
NAV EDUCATION & TRAINING CTR	NEWPORT	1809	939	2748	4434	9	2403	13	OFF INDOCTRINATION & SKILL TNG
NAV REG MED CTR, NEWPORT	NEWPORT	251	170	421	421	39	41	59	HEALTH CARE

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 DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 CENTRAL SUPPORT FORCES
 UNITED STATES
 FY 1980

Installation	City	AFTA Mil	AFTA Civ	AFTA Tot	AFTA Purs	Rank	Acres	Rank	Major Unit-Activity-Function
SOUTH CAROLINA									
FLEET AND WINE WARFARE TNG CTR	CHARLESTON	165	5	170	225	41	10	67	SKILL TRAINING
5PM SUBMARINE TRAINING CENTER	CHARLESTON	303	19	322	662	33	7	64	SKILL TRAINING
NAV REG MED CTR, CHARLESTON	NO CHARLESTON	629	252	881	881	26	23	63	HEALTH CARE
TENNESSEE									
NAS, MEMPHIS	MILLINGTON	11471	1230	12701	24452	1	3458	10	SKILL TRAINING
NAV REG MED CTR, MEMPHIS	MILLINGTON	491	111	502	602	34	39	60	HEALTH CARE
TEXAS									
NAS, CHASE FIELD	BEEVILLE	1470	507	1977	2076	16	9633	3	FLIGHT TRAINING
NAVAL ALF ORLANDO, TX	BEEVILLE	4	4	8	8	6	1370	20	AUXILIARY TRAINING FIELD
NAS, CORPUS CHRISTI	CORPUS CHRISTI	2303	4632	6935	9690	6	4313	6	FLIGHT TRAINING
NAVAL ALF CAGANISS, TX	NUECES	4	4	8	8	6	4268	8	AUXILIARY TRAINING FIELD
NAVAL ALF WALDON, TX	CORPUS CHRISTI	425	110	535	535	35	2042	15	AUXILIARY TRAINING FIELD
NAV REG MED CTR, CORP CHRISTI	CORPUS CHRISTI	1624	412	2036	2276	19	5362	61	HEALTH CARE
NAS, KINGSVILLE	KINGSVILLE	4	4	8	8	6	3360	5	FLIGHT TRAINING
NAVAL ALF ORANGE, TX	ORANGE GROVE	4	4	8	8	6	3360	11	AUXILIARY TRAINING FIELD
VIRGINIA									
FLEET ASM TRAINING CTR, LANI	NORFOLK	271	11	282	460	38	5	69	ASM TRAINING
ARMED FORCES STAFF COLLEGE	NORFOLK	431	85	516	741	30	30	62	PROFESSIONAL DEVELOPMENT TNG
NAV REG MED CTR, PORTSMOUTH	PORTSMOUTH	1699	911	2610	2840	17	110	49	HEALTH CARE
NAVAL HOSPITAL, QUANTICO	QUANTICO	213	65	278	278	40	41	56	HEALTH CARE
FLEET COMBAT TRAINING CTR, LANI	VIRGINIA BEACH	1671	459	2130	3959	10	1038	23	SPECIALIZED TRAINING
WASHINGTON									
NAV REG MED CTR, BREMERTON	BREMERTON	311	178	489	498	36	23	65	HEALTH CARE

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
CENTRAL SUPPORT FORCES
UNITED STATES TERRITORIES AND POSSESSIONS
FY 1960

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area Acres	Major Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (507)								
NAV PUBLIC WKS CTR, GUAM	AGANA, GUAM	24	1339	1363	1363	1	2005	2 FACILITIES SUPPORT
NAVAL SHIP REPAIR FAC, GUAM	AGANA, GUAM	115	747	862	862	2	185	4 FLEET MAINTENANCE
NAVAL MAGAZINE, GUAM	MANA OKIN, GUAM	373	68	441	441	4	8842	1 STORAGE APPURTENANCE
NAVAL SUPPLY DEPOT, GUAM	MANA OKIN, GUAM	67	396	463	465	3	1558	3 SUPPLY SUPPORT
NAVAL DRYDOCK & REPAIR FAC	SAN JUAN						31	5 SHIP REPAIR FACILITY (C)
TRAINING, MEDICAL AND OTHER PERSONNEL (508)								
NAV REG MED CTR, GUAM	AGANA, GUAM	343	82	425	425	1	113	1 HEALTH CARE

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CENTRAL SUPPORT FORCES

Military Installations Used By

the U. S. Forces in Foreign Areas

FY 1980

Installation	City	AFTA Mil	AFTA Civ	AFTA Tot	AFTA Total Pers	Land Area- Acres	Rank	Major Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (507)								
JAPAN								
NAVAL SUPPLY DEPOT, YOKOSUKA	YOKOSUKA	164	991	1155	1211	5	905	3 SUPPLY SUPPORT
NAV SHIP REPAIR FAC, YOKOSUKA	YOKOSUKA	74	1664	1738	1738	3	"	FLEET MAINTENANCE
NAV PUBLIC WKS CTR, YOKOSUKA	YOKOSUKA	29	1111	1140	1140	6	344	4 FACILITIES SUPPORT
PHILIPPINES								
NAVAL SUPPLY DEPOT, SUBIC BAY	SUBIC BAY	297	968	1265	1481	4	25	6 SUPPLY SUPPORT
NAV SHIP REPAIR FAC, SUBIC BAY	SUBIC BAY	146	3952	4098	4174	1	100	5 FLEET MAINTENANCE
NAVAL MAGAZINE, SUBIC BAY	SUBIC BAY	377	247	624	823	7	2000	1 STORE/MAINTAIN ORDNANCE
NAV PUBLIC WKS CTR, SUBIC BAY	SUBIC BAY	17	2877	2894	3803	2	311	2 FACILITIES SUPPORT
TRAINING, MEDICAL AND OTHER PERSONNEL (508)								
ITALY								
NAVY MED MED CTR, NAPLES	NAPLES	204	83	347	347	2	5	1 HEALTH CARE

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DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
GENERAL SUPPORT FORCES
Military Installations Used By
THE U. S. Forces in Foreign Areas
FY 1990

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CHAPTER FOUR

AIR FORCE BASE STRUCTURE

I. INTRODUCTION

The Air Force Base Structure Chapter to the Manpower Requirements Report for FY 1980 is submitted in accordance with Section 302, PL 94-361. Section II, Base Structure Overview, describes the criteria used by the Air Force in determining the Air Force base structure. It also includes historical data on the base structure and related manpower trends since FY 1968. Section III relates the needs of the major activities within each Installation Defense Planning and Programming Category (IDPP) to the current base structure. Major changes to the FY 1980 force structure and their impact on the base structure are also described. Section IV gives a breakdown of projected Air Force base operations costs for FY 1980. Section V summarizes recent major actions taken to reduce base operations costs. It also describes some alternatives that the Air Force is pursuing in this area. Finally, Section VI consists of the listing of the installations, activities and properties comprising the base structure. The listing is arranged by IDPP category by geographical area (U.S., U.S. Territories and Possessions, and Foreign areas). In addition, a ranking column is included for the "total personnel" and the land area which indicates the rank of the installation in descending order within each IDPP category for these data.

It is emphasized that the IDPPC classification system considers only the "primary" mission at multi-mission installations. At installations where more than one significant mission exists, a subjective determination of the "primary" mission of that installation was made.

II. BASE STRUCTURE OVERVIEW

The base posture of the Air Force exists to support the assigned forces. Since forces are a dynamic element, the base posture is also dynamic. As forces change, base requirements change, and as a result realignments in the base posture are required. The major considerations and criteria used to determine base realignments must insure that the action selected from the available alternatives best meets the various operational, geographic, facility, environmental and economic parameters and is the most consistent with the overall mission requirements of the Air Force.

The Air Force has sought to maintain an optimum base structure to support the currently assigned and projected forces. As force levels and overseas deployments have reduced during the last several years, the number of Air Force bases has also reduced. This trend can be readily seen in the table below.

AIR FORCE REAL PROPERTY* & PERSONNEL STRENGTH

<u>FISCAL YEAR</u>	<u>CONUS LOCATIONS</u>	<u>FOREIGN LOCATIONS</u>	<u>TOTAL LOCATIONS</u>	<u>PERSONNEL</u>
1968	2760	734	3494	1,260,313
1969	2661	756	3417	1,211,325
1970	2546	719	3265	1,118,744
1971	2381	690	3071	1,067,678
1972	2308	662	2970	1,025,187
1973	2293	635	2928	978,539
1974	2246	601	2847	933,207
1975	2231	597	2828	890,529
1976	2191	574	2765	846,899
1977	2154	579	2733	825,800

For example, during the past several years the Strategic Defensive forces of the Aerospace Defense Command have undergone extensive realignment and reorganization. This was the result of a phased modernization of the air defense system which incorporated numerous technological advances and improved operational concepts. The reorganization also integrated Air Force command/control facilities with those of the Federal Aviation Administration's National Aerospace System.

(*) Real property includes land and interests therein, leaseholds, buildings, structures, improvements and appurtenances thereto, warehouses, rights of way, and easements whether temporary or permanent, and permanently attached improvements. There may or may not be personnel assigned to these locations.

A significant reduction in the number of strategic defensive aircraft has also occurred, thereby reducing the overall basing requirements. The number of strategic offensive aircraft has been reduced and some Strategic Air Command KC-135 tankers have been transferred to the Air Reserve Forces.

In recent years the need for pilot training has decreased permitting the closure of two pilot training bases and conversion of another base to tactical use. This more closely aligned training capacity with requirements.

In the late 1960s, the Air Force reduced logistics support bases when the number of major depots were reduced from nine to five.

A number of actions have occurred in the Air Force research and development support structure since FY 1968. These consist primarily of realignment of certain mission functions, consolidating test and evaluation support activities, and the restructuring of Air Force Systems Command technology base laboratories. The disestablishment in 1976 of the Air Force Special Weapons Center at Kirtland AFB, NM, is one example of these actions.

Air Force functions have also been consolidated under other agencies. For example, in 1972 the Air Force Aeronautical Chart and Information Center was consolidated with similar functions from other military departments under the Defense Mapping Agency.

Since FY 1968 a significant reduction in the overseas base structure has also occurred. The majority of these base reductions were the result of withdrawals from Southeast Asia; however, reduction of forces in Korea, Japan, and other locations also reduced the overseas base requirements. When Air Force base requirements are evaluated, the most effective installations are selected for retention based upon specific considerations and criteria. The reduction in the Air Force real property inventory has been the result of a continual evaluation of the forces' base requirements.

MAJOR CONSIDERATIONS AND CRITERIA: In determining the effectiveness of an installation, several major considerations are germane. First is the need to provide installations which meet the various operational and training requirements of assigned forces. Second, there is the need to provide bases to support the force deployments envisioned in the United States strategy. Third is the policy that mission bases, i.e., those at which more than one

major type of force (strategic, logistical, airlift, etc.) are stationed, will be used to the maximum extent possible. Fourth, the base posture should retain the flexibility to beddown the force when unprogrammed changes occur.

The above considerations have evolved into broad criteria which are used by the Air Force in developing and evaluating base realignment actions. These are: geographic location; facility availability and condition; community support available for Air Force activities/population; potential to accommodate future force requirements; existing or future encroachment which might impact Air Force operations; budgeting considerations inherent in the proposed realignment action; possible adverse environmental impact; and mission degradation as a result of force turbulence.

In developing realignment actions, the major considerations and criteria have to be evaluated for each proposal in total, as opposed to handling each as an independent action, with the goal of achieving an optimum balance. A discussion of the four major considerations and the resultant criteria is provided below.

MAJOR CONSIDERATIONS:

Operational and Training Requirements: Since the Air Force base posture exists to support the mission of the assigned forces, the ability of each base to meet the unique operational and training requirements of the assigned force is of paramount importance. Each force element, such as strategic offense, tactical fighter, strategic airlift, etc., has its own peculiarities in terms of mission and training which manifests itself in terms of airspace, range requirements, deployment and employment routes, availability of lines of communications, survivability, facility requirements, etc.

The current base posture reflects a force beddown in which the forces' operational and training requirements are best supported. Realignment of forces can make alterations of the base posture necessary; however, the resulting beddown must, to the extent possible, enhance the ability of the force to meet its unique operational and training requirements. These requirements will be summarized in Section III under the appropriate Installation Defense Planning and Programming Category (IDPPC).

Force Deployment: The force structure of the Air Force is based on the national strategy. This strategy determines potential areas in which forces would be used and determines which forces would be deployed or employed from the CONUS. This strategy then serves to determine how many and what kind of bases are needed overseas and in the CONUS.

Use of Multi-Mission Bases: A major expense of each installation is the cost of resources required to "open the door," i.e., the fixed Base Operating Support resources such as facilities, manpower, and materiel required because of the mere existence of the installation. The resources associated with "open the door" costs are relatively insensitive to changes in the assigned mission. Road repair is an example. Variable base operating support resources are added commensurate with the support requirements of assigned missions. Therefore, when missions are compatible and facilities available or obtainable, it is cost-advantageous to develop multi-mission bases. This is particularly true when one of the missions is of a support nature such as research and development and the other is operational such as tactical fighter, strategic bomber, etc. Additionally, missions which have a relatively small number of personnel or equipment are most economically accommodated on bases which have other major missions.

Although multi-mission bases are economical, the compatibility of missions must be given prime consideration. Some missions, such as pilot training, do not lend themselves to certain multi-mission installations. Additionally, the more missions assigned to an installation the greater the difficulty in closing the installation if a major mission at the base is reduced. In this sense, multi-mission bases may inhibit future flexibility in restructuring the overall base posture.

Future Flexibility: Base realignment actions which result in base closures or contribute to the maximum utilization of an installation, especially Air Force bases which contain a relatively small amount of land, can result in a limiting of future flexibility to meet various programmed and unprogrammed force adjustments. Therefore, the selection of bases to be closed should, to the extent possible, result in closure of the least flexible bases. If flexibility were the sole determinant, bases which have constraints in the nature of airspace, encroachment of civilian activities, single missions, limited real estate,

poor community support facilities, poor physical facilities, etc., should logically be considered for closure prior to bases which have the potential to accommodate additional or new missions.

CRITERIA:

Geographic Location: The geographic location of an installation influences the ability of assigned forces to execute their mission. These geographic factors include weather, availability of training areas, proximity to employment/deployment routes, survivability, airspace availability, transportation networks, etc. For each mission there are optimum geographic locations which provide maximum operational effectiveness. These locations should be used in selecting bases to beddown missions and will be discussed further in Section III.

Facility Availability: Maximum practical utilization of existing government facilities with minimum expenditures for new facilities should be a primary goal in realignment actions. This includes mission related facilities as well as support facilities. For example, if the unit is an operational flying activity, the runway complex (number, width, length, load bearing capacity), capacity of the aircraft parking ramp, and a maintenance complex capable of supporting the assigned aircraft (e.g., proper size docks and hangars, sufficient communications-electronics and avionics maintenance space, etc.) are of major concern in evaluating the proposed action. Conversely, for administrative and headquarters activities, the proper amount of administrative space is essential. For training activities, classroom and student housing are key factors. For all actions availability of housing (bachelor and family) for any increase in population is a significant element.

Certain unique facility requirements are generated by intelligence, communications, logistical, and research and development activities. Relocation to installations which do not have facilities available to accommodate these functions may not be feasible due to the cost of new facilities. Also, due to mission requirements, these facilities must often be duplicated and in being prior to shutting down the current activity. This can often be expensive in terms of delay in savings to be realized as well as redundancy in equipment and facilities. Similar circumstances exist in relocating other missions

such as strategic airlift which requires large terminal complexes to receive and process cargo.

Requirements for small missions may generally be provided with only minor modification. This is particularly true if the unit's equipment consists of small aircraft or if no aircraft are assigned. Requirements for administrative space can be met in various ways such as conversion of excess space in other functional areas. Additionally, the overall condition of the real property facilities at the base is an important element in the selection process. Often, if an activity is housed on an installation which has a great deal of substandard deteriorated facilities - both prime mission as well as support - then relocation to a base with permanent facilities may be most effective even if certain facility criteria cannot be initially met. Over a period of time, provision of a few additional facilities would prove economically beneficial as opposed to providing a large number of expensive replacement facilities at the previous base, as well as continuing the base operating support costs for both bases.

An additional facility consideration is the extent a base's facilities support other installations in the area. For example, if a base provides hospital, housing, and other support facilities for surrounding installations, then it may not be possible to completely close the base. As a result, savings from the realignment may be significantly less than at a base where all activities can be shut down and facilities declared excess.

Community Support: Civilian support resources (e.g., community housing, medical, schools, and recreational facilities) are a consideration in developing base realignment actions. When possible, base realignment actions should take maximum advantage of already developed civilian resources which can be used to support the assigned personnel. Of particular importance is family housing. Areas which have residual capability to adequately house Air Force families will negate the cost of providing government housing and facilitate rapid completion of the proposed action. Conversely, areas in which community support facilities are limited place an increasing degree of importance on the base facilities. Adequate support should exist on or off a gaining base to avoid a realignment action being counter productive in terms of personnel morale. Since personnel support capability on our installations is limited, the contribution of the civilian community in this area is very important.

Potential: Since the future forces cannot be predicted with certainty and are subject to unprogrammed changes, flexibility to accommodate these changes within the base posture should be preserved when possible and economical. This entails developing reasonable assumptions on what unprogrammed force changes might occur and determining how the various basing options could support the assumed force changes. However, flexibility is difficult to quantify and, as a result, tends to be a subjective consideration. There are some instances though which do lend themselves to objective analysis. For example, pilot production capacity at each Undergraduate Pilot Training base can be determined. Based on the required levels of pilot production, the degree of flexibility (unused production capacity) within the system can be determined and the degree that the system can meet increases can be calculated. As a result, the degree of flexibility in the system can be predicted and controlled. Similarly, workload versus base capacity can be determined for other training activities and depot activities.

Unfortunately, the degree of flexibility of the base systems to meet other program changes not the result of clear cut workloads is difficult to determine. For example, the flexibility of the base system to accommodate tactical units in the CONUS currently deployed overseas depends on many variables such as type of unit, activity levels of the unit, if they are to be retained as active duty forces or as reserve forces, etc. In these instances the underlying assumptions are subjective and the requirement for flexibility is also subjective. Notwithstanding the subjectivity, it is important that base realignment alternatives be weighed in terms of their potential to meet unprogrammed force changes.

Encroachment: Urban and airspace encroachment into vital areas surrounding installations is of continuing concern. Some installations which were originally remote have attracted major population growth and, as a result, continued air operations have been threatened through urban expansion. The potential for midair collisions must be considered for basing programs. To the extent possible, basing actions must avoid aggravating potential midair collision conditions. The increased civil and private air activity has served to restrict the airspace available for military operations. Encroachment, therefore, is an element in determining the future viability of an installation and is a consideration in determining base realignment actions.

A program (Air Installation Compatible Use Zone - AICUZ) to protect installations from encroachment is in progress. This program inputs planning data into the intergovernmental/interagency forum for implementation through various means including comprehensive planning, zoning, real property rights, acquisitions, construction practices, etc. Encroachment has been stopped or slowed at a number of installations under this program. However, where encroachment has become a major problem, its impact must be considered during development of base realignment actions.

Budget: High-cost, single-mission installations with limited real estate and outmoded, old, functionally inefficient facilities are prime candidates for closure. Significant annual savings result from the closure of such bases. However, the relative cost effectiveness of retaining installations is also a major factor in determining base realignments. Consolidation of missions on a single multi-mission installation which allows a base closure generally results in significant annual savings. These savings are offset in some instances by the required investment, particularly in facilities needed to consolidate. In evaluating the budget implication of base realignments, it is necessary that initial and annual savings be weighed against the one-time construction and movement costs of the various options. Consideration should be given to consolidations which minimize the investment in new facilities while maximizing the annual savings. In general, large outlays in construction or equipment funds are not feasible and options which depend on such outlays should be avoided unless no other viable alternative exists.

Environment: All proposed major federal actions must be analyzed to determine if any of the activities associated with the action will cause a significant impact on the human environment or precipitate public controversy on environmental issues. Based upon this analysis a "negative determination" is made or an environmental impact statement is prepared, filed with the President's Council on Environmental Quality, and circulated for government agency and public comment. These comments are incorporated into a final Environmental Impact Statement which is used as an aid in decision making.

Mission Degradation: Realignment actions, by their very nature, result in turbulence both in personnel and in mission output. The degree of turbulence is a consideration if the resulting mission degradation is of such a

proportion as to be significant. Certain activities cannot be allowed to "stand down" and, as a result, realignments of these activities require in being capability at the new location. Also, work force composition is a consideration in that a highly specialized or unique work force of civilians may not facilitate relocation. These factors should be considered in evaluating realignment actions.

III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

Base programming is dynamic and subject to many variables and revisions. Changes occur in response to altered assessments of the existing threat, force level and composition changes, revised deployment concepts and policies, the continuing impact of resource management efforts, and from national political adjustments. Each change reverberates through the force and causes additional base adjustments in training and logistical support areas. Any attempt to define the base structure can proceed only with an understanding that the structure may be defined solely within the context of existing circumstances. A substantial change in these circumstances, e.g., a decision to reduce overseas forces, will require adjustments in the existing base structure. Timing of the introduction or expansion of a weapon system also influences base selection, as do changes in force size and deployment concepts. Base requirements for USAF weapon and support systems vary greatly due to differing weapon characteristics and operational, support, and training requirements.

The attainment and maintenance of an operational posture which will insure national security and the support of international commitments has been and remains the prime objective of Air Force deployments. The development and utilization of bases which optimize weapon employment and combat support capabilities, provide for training requirements, enable related test and development activities and provide for adequate personnel, logistical and communications support represent corollary goals. A further objective of considerable emphasis within the USAF is the attainment of maximum economies in the base support area, thereby enabling a greater proportion of the defense dollar to be expended for direct combat capability.

Since each mission category has its own unique operational and training requirements which dictate the Air Force base structure, they will be discussed separately. The specific bases falling into each mission category, generally referred to as the Installation Defense Planning and Programming Category (IDPPC), are listed in Section VI.

STRATEGIC FORCES (100)

- Basing Requirements

In the basing of strategic offensive forces, careful consideration is given to geographic locations which maximize the survivability of the force. For example, ICBM's require a sufficient area for adequate dispersal of launch sites. If submarine launched missiles are postulated to be the most critical threat against bombers and tankers, inland bases provide the greatest survivability due to the longer flight time of the missiles. However, this does not imply only inland bases should be considered for strategic offensive forces. Consideration of factors such as the inability of the runway complex to support strategic operations, lack of needed large maintenance facilities to house strategic bombers and tankers, poor quantity and quality of personnel support facilities, and lack of munitions storage capability may negate the use of an existing inland base for a strategic force main operating base and dictate continual use of coastal bases where these facilities are available. In this case, survivability can be achieved through reposturing and dispersal to achieve the needed time to safely launch the force.

Other operational requirements such as targeting, ranging, and mating must be considered when determining force beddown locations. Lateral support supplied to other commands, e.g., tactical aircraft contingency and overseas deployment refueling requirements, is also a necessary consideration. In addition, the availability of a small portion of overseas bases is desirable to optimize strategic operational effectiveness.

For strategic defensive systems, factors such as enemy weapon system performance, likely targets, and routes of attack are considered in basing decisions. Related to these, there must be an assessment of warning time available, speed of reaction, and the probable time to intercept, identify, and destroy the enemy vehicle. After consideration of all factors involved, a determination is made of the most effective deployment areas. Generally, this analysis will dictate a peripheral coverage of the Continental United States.

- Announced Major Force Structure Changes and Their Impact on Base Structure

During FY 79/80 the USAF intends to upgrade its Sea-launched Ballistic Missile Warning capabilities with the activation of Pave Paws site at Otis AFB, MA, and Beale AFB, CA, in FY 79 and FY 80, respectively. The USAF will inactivate obsolete system (FSS7) at Ft Fisher, NC, and Charleston, ME, in FY 79 and Mill Valley, CA, Mt Laguna, CA, and Mt Hebo, OR, in FY 80.

The implementation of the Joint Surveillance System began in FY 76. During FY 79/80, this involves the phasing out of 28 Air Force radars and the transfer of 14 radars to the FAA for joint use (FAA/USAF) operations. To maintain peacetime surveillance and control of U.S. airspace, the Air Force will rely on surveillance data from the combination of 36 joint use radars and a 9 military only radars.

GENERAL PURPOSE FORCES (200)

- Basing Requirements

The operational and training requirements for the general purpose forces are also unique. Accessibility of weapons ranges (air-to-air and air-to-ground) and supersonic airspace for certain types of missions; plus sufficient airspace to allow for extensive operational training flight maneuvers such as formation flying, are essential to tactical fighter aircraft. The maximum possible "good weather" days to facilitate operational flight training under visual conditions are necessary. Training facility requirements in the CONUS are extensive due to mission and equipment complexities and the requirement to provide individual training for both CONUS and overseas tactical forces. For tactical reconnaissance missions, peacetime tasks (e.g., training support of other forces) are considered in defining base locations. Airlift forces should be located adjacent to transportation and supply terminals to the maximum extent possible. East and west coast terminals within the CONUS are essential to maximize transoceanic payload capabilities. A consideration of tactical airlift basing is to locate some tactical airlift forces with or in proximity to Army airborne units to enable their efficient support. Proximity to assault landing strips and drop zones is also essential for training of tactical airlift forces. For Air Reserve Force basing an area which can provide an adequate recruitment base is also considered in the determination of the location.

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General purpose forces overseas are based according to strategic, tactical, and security policy considerations in addition to customary CONUS basing criteria. Each base must be capable of efficient peacetime operation as well as accommodation of the mission requirements it must support in a combat or contingency situation. Each type of mission has its own particular basing requirements according to current strategies and contingency plans, and the need for combat dispersal must be considered as well. The overseas base structure must be capable of responding to changing tactical and strategic situations, and a certain degree of flexibility and standby base expansion capability must be maintained. The high dependence of the overseas base structure on the cooperation of host governments requires continued awareness of basing requirements in the context of overall international security policy.

- Announced Major Structure Changes and Their Impact on Base Structure

The continuing acquisition of F-15 and A-10 aircraft coupled with the introduction of the F-16 will enable the USAF to continue modernization of the tactical fighter force during FY 79 and FY 80. George AFB will continue conversion from F-105Gs to F-4Gs and Hill AFB will convert from F-4s to F-16s in FY 79/80. During FY 79, the following assets will modernize the Air Reserve Forces: A-7s to Selfridge ABG, MI, and Toledo, OH; A-10s to Barnes MPT, MA, and Bradley IAP, CT; F-4s to Lambert Fld, MO, Ft Wayne, IN, New Orleans, LA, Kelly AFB, TX, Ft Smith, AR; Hulman Fld, IN, and Homestead AFB (AFR), FL; RF-4s to Key Field, MS, and F-105Gs to Dobbins AFB (ANG), GA. Eglin AFB, FL, will convert from F-4s to F-15s in FY 79 and RAF Bentwaters/Woodbridge, UK, will convert from F-4s to A-10s beginning in FY 79. The beddown of E-3A aircraft at Tinker AFB, OK, will continue through FY 79.

AUXILIARY FORCES (300)

- Basing Requirements

The Air Force Systems Command (AFSC) is responsible for the research, development, production, and procurement actions required to acquire complete aerospace weapons and support systems needed to accomplish the Air Force mission. The command delivers complete, timely, and operable systems to using commands such as Strategic Air Command, Tactical Air Command, and Military Airlift Command. To accomplish its mission, AFSC requires extensive complexes of test facilities for

aircraft, missiles, and associated hardware, to include runways, large areas of restricted airspace, numerous range and tracking facilities, and access to environmental testing facilities. Facilities for the administration of test programs and the correlation of basic and applied research during weapons development are also required.

The mission of Air Force Communications Service (AFCS) is to provide Air Force and Department of Defense service in communications, electronic and engineering installation, and air traffic control. For this tasking, the Air Force Communications Service requires facilities which permit ready access and interconnection with related commercial facilities. Other locations in relatively remote areas act as communications links and as intelligence gathering sites.

- Announced Major Force Changes and Their Impact on Base Structure

There are no major force changes.

MISSION SUPPORT FORCES (400)

- Basing Requirements

Extensive administrative facilities are required to enable administrative functions to properly manage Air Force equipment and personnel. Other locations are required by medium range aircraft to be used as refueling stops on transoceanic flights. These installations require runways of sufficient length and weight bearing capacities to support the transient aircraft and must have adequate housing available for transient personnel.

- Announced Major Force Changes and Their Impact on Base Structure

There are no major force changes.

CENTRAL SUPPORT FORCES (500)

- Basing Requirements

Air Force Logistics Command (AFLC) is to provide responsive, effective, and economical logistic support to meet the wide variety of missions assigned to the United States Air Force.

To accomplish these tasks effectively, supply installations must be adjacent to transportation network terminals and facilities to enable rapid logistic support. Extensive warehousing and open storage areas, plus facilities for automated requisitioning, procurement, and associated data storage activities are essential.

Air Training Command requires the availability of extensive classroom, library, and study facilities. Secure training facilities are required where a principal mission is security training. Extensive medical facilities are required at bases where a primary function is medical support.

The location of flying activities within areas of favorable flying weather and adjacent to unrestricted areas of airspace is essential for undergraduate pilot training (UPT) bases. Three parallel runways are also required at main training bases, with auxiliary fields within a short distance from the main base.

- Announced Major Force Changes and Their Impact on Base Structure

Air Training Command has assumed responsibility for cryptologic training as well as base host responsibilities at Goodfellow AFB, TX.

INDIVIDUAL (600)

The Air Force has no major installations falling into this IDPPC.

IV. BASE OPERATIONS COSTS FOR FY 80

A summary of the estimated FY 1980 cost (\$ million) for Air Force Base Operating Support follows.

Base operations costs identified in this section are not limited to those major installations described in Section VI, but include all Air Force property included in the real property inventory.

Base operating costs as defined here include military family housing and military construction costs as well as the recurring operating costs such as utilities, facility maintenance, and other support activities. Users are cautioned that military family housing and military construction costs vary among bases for different reasons than do the recurring costs included here. Therefore, base operations costs defined as these are, would not be suitable for comparisons among bases.

TABLE XII

MAJOR DEFENSE PROGRAMSFY 80
USAF BASE OPERATIONS COSTS (\$ MILLIONS)

Major Defense Programs	Fifty States	US Territories & Possessions	Foreign Overseas Areas	Total
Strategic (01)	1,246	37	80	1,363
General Purposes (02)	613	-	1,064	1,677
Intell & Comm (03)	47	-	57	104
Air/Sealift (04)	506	-	51	557
Guard & Reserve (05)	183	-	-	183
Research & Develop (06)	265	-	-	265
Cent Supply & Maint. (07)	473	-	-	473
Trng, Med & Other Pers (08)	842	11	203	1,056
Admin & Assoc. (09)	55	-	30	85
Spt of Other Nations (10)	-	-	-	-
TOTAL AF	4,230	48	1,485	5,763

Program 8 includes military family housing costs.

All Air Force military construction costs are included.

V. ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

Reductions in pilot training requirements resulted in the closure of Craig AFB, AL, and Webb AFB, TX, in FY 1977. These bases are presently in caretaker status awaiting completion of excessing actions.

Headquarters AFCS moved from Richards-Gebaur AFB, MO, to Scott AFB, IL, in FY 1977. This action resulted in better utilization of available facilities at Scott AFB and reduced Base Operating Support (BOS) costs at Richards-Gebaur. The Air Force is examining the possibility of providing significant support for residual activities at Richards-Gebaur with contract services. In this report, Richards-Gebaur AFB is still categorized under IDPP 300, but will be changed in future reports to reflect its residual mission.

The Air Force recently adjusted the B-52 force and transferred 128 KC-135 aircraft to the Air Reserve Forces by end FY 1978. As a result of these actions and the direction to reduce base operating support costs in the near term, Kincheloe AFB, MI, was closed in FY 1977.

Several alternatives exist for reduction of BOS costs. Closing or reducing operations at installations reduce BOS costs. Reductions in BOS costs can be made through contracting for certain functions where cost effective. Increased productivity realized through automation, other technological advancements, and management initiatives may also reduce costs.

The Air Force is continually making efforts to reduce BOS costs at USAF installations worldwide. On April 26, 1978, the Secretary of the Air Force announced proposals to study closure of Chanute AFB, IL; Goodfellow AFB, TX; Kingsley Field, OR; and Los Angeles AFS, CA, and, on August 3, 1978, Lowry AFB, CO, was designated as an alternative to the proposed closure of Chanute. In addition, the removal of active Air Force units from Rickenbacker AFB, OH, will be examined. These studies are expected to be completed during FY 1979 and could affect the base structure in FY 1980.

The Air Force is continually searching for means to reduce BOS costs without degrading mission effectiveness.

SECTION VI

AIR FORCE BASE STRUCTURE

TABLE XIII

SUMMARY OF NUMBER OF AIR FORCE INSTALLATIONS, ACTIVITIES AND PROPERTIES

<u>Mission Category</u> (IDPPC)	<u>Fifty States</u>	<u>U.S. Territories and Possessions</u>	<u>Foreign Areas</u>	<u>Total</u>
STRATEGIC FORCES				
- Strategic (101)	66	1		67
- Guard & Reserve (105)	8			8
- Research & Develop. (106)	7	6		13
GENERAL PURPOSE FORCES				
- General Purpose (202)	49	2	25	76
- Airlift/Sealift (204)	17		4	21
- Guard & Reserve (205)	106			106
AUXILIARY FORCES				
- Intell. & Comm. (303)	4		3	7
- Research & Develop. (306)	16			16
- Central Supply & Maint. (307)	2			2
MISSION SUPPORT FORCES				
- Strategic (401)	1			1
- General Purpose (402)	4	1	4	9
CENTRAL SUPPORT FORCES				
- Central Supply & Maint. (507)	38			38
- Training, Medical, & Other Personnel (508)	30			30
- Administration (509)	1			1
TOTAL AIR FORCE	249	10	36	395

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DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
STRATEGIC FORCES
UNITED STATES
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Acres	Rank	Major Unit-Activity Function
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STRATEGIC (101)

ALASKA

ELMENDORF AFB	ANCHORAGE	8162	1359	7721	7849	2	12130	14	21 COMPOSITE WING
FONT UREELY AIR FORCE RANGE, AK	DELTA JUNCTION								RANGE
GALENA AIRPORT, AK	GALENA	326	13	339	353	32	173	54	FORWARD FIGHTER BASE
KING SALMON AIRPORT, AK	NAKNEK	381	15	396	411	31	86	59	FORWARD FIGHTER BASE
ANCHORAGE IAP ADMIN ANNEX, AK	ANCHORAGE		174	174	174	35	285	80	GENERAL SUPPORT ANNEX
CLEAR MISSILE EARLY WARNING ST	ANDERSON	124	67	191	191	33	34538	3	ELECTRONICS SITE
COLD BAY AIR FORCE STATION	COLD BAY	17		17	22	49	184	53	ELECTRONICS SITE
MURPHY LAKE AIR FORCE STATION	COLLEGE	69		69	76	42	1136	40	ELECTRONICS SITE
BARTER ISLAND DEW STATION	FAIRBANKS	2		2	2	59	4363	27	ELECTRONICS SITE
POINT BARROW DEW STATION	FAIRBANKS	2		2	2	59	268	51	ELECTRONICS SITE
FORT YUKON AIR FORCE STATION	FORT YUKON	33		33	39	43	2395	36	ELECTRONICS SITE
CAMPION AIR FORCE STATION	GALENA	28		28	34	46	328	47	ELECTRONICS SITE
CAPE ROMANZOF AF STATION	HOOPER BAY	15		15	20	52	4900	23	ELECTRONICS SITE
INDIAN MTN AIR FORCE STATION	HUGHES	29		29	34	46	4326	28	ELECTRONICS SITE
SPARKEVOHN AIR FORCE STATION	ILIAMNA	29		29	34	46	1178	38	ELECTRONICS SITE
KOTZEBUE AIR FORCE STATION	KOTZEBUE	17		17	22	49	596	45	ELECTRONICS SITE
FAZALIMA AIR FORCE STATION	MCCRATH	28		28	34	46	4970	22	ELECTRONICS SITE
ELELSON AFB	NORTH POLE	2940	342	2982	3014	28	19780	13	6 STRATEGIC WING
CLARK LAKE WRO, AK	FAIRBANKS						33864	4	RANGE
CAPE NEWENHAM AF STATION	PLATINUM	15		15	20	52	2359	37	ELECTRONICS SITE
CAPE LISGURNE AF STATION	POINT HOPE	15		15	21	50	1126	41	ELECTRONICS SITE
TIN CITY AIR FORCE STATION	WALES	15		15	20	52	754	44	ELECTRONICS SITE

ARKANSAS

BLUTHVILLE AFB	BLUTHVILLE	2801	366	2969	3009	27	3736	10	97 BOMBARDMENT WING
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CALIFORNIA

DEALE AFB	MARYSVILLE	4073	552	4625	4733	18	23252	12	9 STRATEGIC RECON WING
CASTLE AFB	MERCED	5581	436	6027	6714	7	3282	32	93 BOMBARDMENT WING
MARCH AFB	SUNNYHEAD	4065	917	4982	6320	9	8651	16	22 BOMBARDMENT WING

COLORADO

LAFAR COMMUNICATIONS FAC ANNEX	LAFAR	12		12	12	55	95	57	ELECTRONICS SITE
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DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
STRATEGIC FORCES
UNITED STATES
FY 1980

Installation	City	AFIA Mil.	AFIA Civ.	AFIA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
FLORIDA TYNDALL AFB	PANAMA CITY	4264	960	5224	5670	13	28824	7	AIR DEFENSE WEAPONS CENTER
INDIANA GRISWOLD AFB	BUNKER HILL	2273	704	2977	4608	19	3022	33	305 AIR REFUELING WING
KANSAS MC CONNELLY AFB	WICHITA	3760	783	4543	5869	12	41827	2	381 STRATEGIC MISSILE WING
LOUISIANA BARKSDALE AFB LAKE CHARLES AIR FORCE STATION	BOSSIER CITY LAKE CHARLES	5394 7	984	6378	7263	3 7	73425 4	1 68	2 BOMBARDMENT WING ELECTRONICS SITE
MAINE LONG AFB	LIMESTONE	3459	821	4080	4106	23	11242	15	42 BOMBARDMENT WING
MASSACHUSETTS NORTH TRUMB AIR FORCE STATION	NORTH TRUMB	106	28	133	134	37	134	55	ELECTRONICS SITE (RADAR)
MICHIGAN K. I. SAWYER AFB Wurtsmith AFB PORT AUSTIN AIR FORCE STATION SAULT STE MARIE AIR FORCE STA SAULT STE MARIE COMM FAC ANNEX. MI	ONING OSCODA PORT AUSTIN SAULT STE MARIE SAULT STE MARIE	3679 2744 96 102 1	433 394 27 19 1	4112 3138 123 121 1	4159 3216 124 122 1	22 25 38 39 1	6357 5211 84 44 27	18 21 60 63 64	410 BOMBARDMENT WING 379 BOMBARDMENT WING ELECTRONICS SITE ELECTRONICS SITE ELECTRONICS SITE
MINNESOTA DULUTH IAP	DULUTH	1156	607	1763	1846	29	933	43	23 AIR DEFENSE DIV. RC ACT
MISSOURI WHITEMAN AFB	KNOX MOWER	3162	507	3669	3772	24	25036	9	351 STRATEGIC MISSILE WING

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DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
STRATEGIC FORCES
UNITED STATES
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Acres	Rank	Major Unit-Activity-Function
MONTANA GREAT FALLS COMM FACILITY SITE MALHEUR AFB	GREAT FALLS GREAT FALLS	4800	544	5344	8437	15	29070	17	67 ELECTRONICS SITE 6 341 STRATEGIC MISSILE WING
NEBRASKA OFFUTT AFB	BELLEVUE	11778	1748	13524	13922	1	3865	29	55 STRATEGIC RECON WING
NEW HAMPSHIRE NH SATELLITE TRACKING ANNEX PEASE AFB	MT VERNON NEWINGTON	31 3288	86 683	97 3951	118 5087	40 17	2873 4742	34 25	ELECTRONICS SITE 508 BOMBARDMENT WING
NEW JERSEY GIBBSBORO AIR FORCE STATION PALERMO COMM FACILITY	GIBBSBORO PALERMO	98	12	100	100	41	23	65	ELECTRONICS SITE 66 ELECTRONICS SITE
NEW MEXICO CLOUDCROFT SATELLITE TRACKING	CLOUDCROFT						2406	35	SATELLITE TRACKING
NEW YORK PLATTSBURGH AFB GRIFFISS AFB STOCKBRIDGE TEST ANNEX, NY FLOYD TEST ANNEX, NY VERONA TEST ANNEX, NY VERONA AVA TEST ANNEX, NY SARATOGA AFB HAWLOCK FIELD	PLATTSBURGH ROME MCKINILLSVILLE FLOYD VERONA AVA SARATOGA SPQS SYRACUSE	3752 3703 2982 2 4 2 2 922	418 2982 2 2 17 2 436	4170 6685 2 2 17 2 1358	4310 6915 2 2 17 2 2300	20 4 59 51 54 59 28	4821 5802 290 51 514 297 50 1139	24 20 49 61 46 48 39	380 BOMBARDMENT WING 416 BOMBARDMENT WING TEST SITE TEST SITE TEST SITE TEST SITE ELECTRONICS SITE (1) AIR DEFENSE SAGE DIVISION
NORTH CAROLINA FORT FICHER AIR FORCE STATION	KURE BEACH	157	20	177	182	34	101	56	ELECTRONICS SITE (RADAR)
NORTH DAKOTA GRAND FORKS AFB MINOT AFB	EMERADO MINOT	8080 5429	486 534	5576 5963	5650 6132	14 10	24021 24804	11 10	321 STRAT MSL WING & 318 BOMB WING 91 STRAT MSL WING & 5 BOMB WING

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 DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 STRATEGIC FORCES
 UNITED STATES
 FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Area- Acres	Rank	Major Unit-Activity-Function
OHIO RICKENBACKER AFB	LOCKBOURNE	1821	1150	2971	6578	8	4377	25	301 AIR REFUELING WING
OREGON KINGSLEY FIELD	KLAMATH FALLS	332	203	535	622	30	1087	42	AIR DEFENSE
SOUTH DAKOTA ELLSWORTH AFB	BOX ELDER	8006	591	6597	6733	6	27968	8	44 STRAT MSL WG & 28 BCMB WG
TEXAS DYESS AFB CARSWELL AFB	ABILENE FORT WORTH	4892 4461	441 947	5333 5408	8432 6889	16 5	7132 3331	17 31	96 BOMBARDMENT WING 7 BOMBARDMENT WING
WASHINGTON FAIRCHILD AFB MACAH AIR FORCE STATION	AIRWAY HEIGHTS MEAH BAY	3847 101	884 32	4731 133	5978 135	11 36	6202 238	19 52	92 BOMBARDMENT WING ELECTRONICS SITE (RADAR)
WISCONSIN ANTIGO AIR FORCE STATION	ANTIGO							57	59 ELECTRONICS SITE (RADAR)
WYOMING FRANCIS E. WARREN AFB	CHEYENNE	3680	451	4131	4171	21	33765	5	90 STRATEGIC MISSILE WING
GUARD AND RESERVE (105)									
ALASKA KULIS ANG BASE	ANCHORAGE	1		1	18	8	101	7	AIR NATIONAL GUARD ACTIVITIES
CALIFORNIA FRESNO ANG BASE	FRESNO	2	310	312	1373	3	139	5	AIR NATIONAL GUARD ACTIVITIES

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DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
STRATEGIC FORCES
UNITED STATES
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Para.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
FLORIDA JACKSONVILLE IAP	CALLAHAN	2	302	304	1300	6	156	3	AIR NATIONAL GUARD ACTIVITIES
MAINE BANGOR INTERNATIONAL AIRPORT	BANGOR	11	279	294	1336	4	379	2	AIR NATIONAL GUARD ACTIVITIES
MASSACHUSETTS OTTIS AFB	FALMOUTH	46	612	660	1740	1	3736	1	RESERVE COMPONENT TRAINING
MINNESOTA DULUTH AFB BASE	DULUTH	1	234	235	1379	2	152	4	AIR NATIONAL GUARD ACTIVITIES
NEW JERSEY ATLANTIC CITY AIRPORT	PLEASANTVILLE	2	302	304	1301	5	119	6	AIR NATIONAL GUARD ACTIVITIES
NEW YORK SUFFOLK COUNTY AIRPORT	WESTHAMPTON BCH	2	184	186	900	7	70	8	AIR NATIONAL GUARD ACTIVITIES
CALIFORNIA VANDENBERG AFB	LOMPOC	4340	1498	5838	7768	1	98633	1	SPACE & MISSILE TEST CENTER
50 POINT AIR FORCE STATION, HI	MAALEHU	"	"	"	"	"	1400	"	5 RANGE
HULL IS TRACKING ANNEX, GN	GILBERT IS	"	"	"	"	"	4560	"	2 RANGE
ENIWEI AFB, HI	TTPI	"	"	"	"	"	200	"	6 RANGE
CANTON IS AAF, EQ	CANARY IS	"	"	"	"	"	1700	"	4 RANGE
BURNIE IS TRACKING ANNEX, GN	GILBERT IS	"	"	"	"	"	138	"	7 RANGE
ENTERBURY IS TRACKING ANNEX, EQ	CANARY IS	"	"	"	"	"	1700	"	4 RANGE

RESEARCH AND DEVELOPMENT (106)

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DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
STRATEGIC FORCES
UNITED STATES TERRITORIES AND POSSESSIONS
FY 1980

Land
Area:
Acres Rank Major Unit-Activity-Function

AFTA
Mil

AFTA
Civ.

AFTA
Tot.

Total
Par-3

Rank

Land
Area:
Acres

Rank

Major Unit-Activity-Function

City

Installation

STRATEGIC (101)

ANDERSEN AIR FORCE BASE

ADANA, GUAM

GUAM

3605

668

4273

4338

1

11083

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STRATEGIC WING

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 DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 GENERAL PURPOSE FORCES
 UNITED STATES
 FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Acres	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (202)									
ARIZONA									
HOLBROOK RADAR BOMB SCORING SITE	HOLBROOK								36 BOMB SCORING SITE
LUKE AFB	LITCHFIELD PARK	6008	1025	7103	7656	5	2679580	8	3 58 TACTICAL TRAINING WING
LUKE O1 AAF, AZ	WITTMAN								32 AUXILIARY FIELD
LUKE WING, AZ	GILA BEND								4 RANGE
GILA BEND AAF, AZ	GILA BEND	308	73	381	381	19	2673457	28	AUXILIARY TRAINING FIELD
DAVIS MONTHAN AFB	TUCSON	6257	1406	7663	7900	4	15137	18	355 TACTICAL FIGHTER WING
SAHUARITA WING, AZ	SAHUARITA								26 RANGE
CALIFORNIA									
GEORGE AFB	ADELANTO	5184	907	6091	6941	10	12931	18	75 TACTICAL FIGHTER WING
CAMPBELL LAKE WING, CA	JOHANNESBURG								19 RANGE
COLORADO									
LA JUNTA RADAR BOMB SCORING SITE	LA JUNTA							6	36 BOMB SCORING SITE
FLORIDA									
HOMESTEAD AFB	HOMESTEAD	8434	1098	7933	9345	2	3346	25	31 TACTICAL FIGHTER WING
MACDILL AFB	TAMPA	5432	849	6281	6664	6	111808	6	56 TACTICAL FIGHTER WING
AVON PARK AAF, FL	AVON PARK								22 AUXILIARY FIELD
AVON PARK WING, FL	AVON PARK	157	92	249	249	20	101029	5	RANGE
GEORGIA									
STATESBORO BOMB SCORING SITE	STATESBORO	86	1	57	57	24	80	33	BOMB SCORING SITE
MONDY AFB	VALDOSTA	2660	461	3121	3613	14	9322	20	347 TACTICAL FIGHTER WING
SPLINE AAF, GA	MOULTREE					32	1250	31	AUXILIARY FIELD
HAWAII									
WHEELER AFB	WAILANA (APOSF)	1446	525	1971	2190	17	1389	30	22 TACTICAL AIN SUPPORT SQUAD

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 DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 GENERAL PURPOSE FORCES
 UNITED STATES
 FY 1980

Installation	City	AFTA Mil	AFTA Civ	AFTA Tot	Total Para	Land Area Acres	Rank	Major Unit-Activity-Function
IDAHO MOUNTAIN HOME AFB SAYLOR CREEK WING, 10 WIDER RADAR BOMB SCORING SITE	MOUNTAIN HOME BRUNEAU WILDER	4297	456	4753	4883	12 120287 111414	12 7 40	368 TACTICAL FIGHTER WING RANGE BOMB SCORING SITE
KENTUCKY RICHMOND BOMB SCORING SITE	RICHMOND	63	1	24	64	22	2	43 BOMB SCORING SITE
LOUISIANA EUGENIE AFB CHICKEN WING, LA	ALEXANDRIA FOREST HILL	2939	447	3386	3477	15 28281 20972	12 23 14	TACTICAL FIGHTER WING RANGE
MAINE L. BLOOMER BOMB SCORING SITE	CANTON						31	34 BOMB SCORING SITE
MICHIGAN BAYSHORE BOMB SCORING SITE	BAYSHORE	3		3	3	20	4	41 BOMB SCORING SITE
NEBRASKA NESTED BOMB SCORING SITE	PASTOR						11	35 BOMB SCORING SITE
NEVADA NATIONWIDE BOMB SCORING SITE MILLIS AFB INDIAN SPRINGS AAF, NV HELLIS WING, NV	BARBETT LAS VEGAS INDIAN SPRINGS INDIAN SPRINGS	7080 739	1052 28	8132 267	8674 257	27 3020487 1682 3001907	2 1 29 2	BOMB SCORING SITE 474 IFW WEAPONS CTR AUXILIARY TRAINING FIELD RANGE
NEW MEXICO HOLLAND AFB FAIRBANK AFB MELNORSE WING, NM	ALBUQUERQUE CLOVIS MELNORSE	5530 4073	1134 486	6664 4564	7172 4682	4 98144 13 25562 22087	9 49 13 27 15	TACTICAL FIGHTER WING RANGE TACTICAL FIGHTER WING RANGE

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DEPARTMENT OF DEFENSE
AIR FORCE BASIC INFRASTRUCTURE
GENERAL PURPOSE FORCES
UNITED STATES
FY 1960

Installation	City	AFIA Mil.	AFIA Civ.	AFIA Tot.	Total Pers.	Land Area-Acre	Rank	Major Unit-Activity-Function
NEW YORK GREAT BEND BOMB SCORING SITE	GREAT BEND	62	1	63	63	23	5	40 BOMB SCORING SITE
NORTH CAROLINA SEYMOUR JOHNSON AFB DAVE COUNTY WAB, NC	GOLDSBORO	4946	538	5485	5816	11	50797	10 4 TACTICAL FIGHTER WING 11 RANGE
NORTH DAKOTA BISMARCK BOMB SCORING SITE	BISMARCK	66	1	67	67	21	7	37 BOMB SCORING SITE
SOUTH CAROLINA MYRTLE BEACH AFB SHAW AFB MYRTLE AAF, SC	MYRTLE BEACH SUMTER MOUNTAIN	2633 5608 .	445 553 .	3078 6161 .	3236 8367 .	15 7	4008 10702 2392	23 384 TACTICAL FIGHTER WING 17 363 TACTICAL RECON WING 27 AUXILIARY FIELD
TEXAS WEDDSTON AFB	AUSTIN	4757	737	5514	6481	8	3817	24 67 TACTICAL RECON WING
VIRGINIA LAMARLEY AFB	HAMPTON	8754	1531	10285	10879	1	5371	21 1 TACTICAL FIGHTER WING & HQ TAC
AIRLIFT/SEALIFT FORCES (FO-4)								
ARIZONA LITTLE ROCK AFB	JACKSONVILLE	6448	825	7273	8814	9	11277	2 314 TACTICAL AIRLIFT WING
CALIFORNIA THAVIS AFB HORTON AFB MONTGOMERY PAC ARMY, CA	FAIRFIELD SAN BERNARDINO HIGHLAND	9112 5508 .	2462 2373 .	11574 8482 .	15460 12380 .	1 3 .	7851 2407 30	4 60 MILITARY AIRLIFT WING 11 63 MILITARY AIRLIFT WING 17 COMMUNICATIONS

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 DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 GENERAL PURPOSE FORCES
 UNITED STATES
 FY 1980

Installation	City	AFA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Lead Acros	Rank	Major Unit-Activity-Function
DELAWARE DOVER AFB	DOVER	5176	1465	6643	8844	8	3682	9	436 MILITARY AIRLIFT WING
ILLINOIS SCOTT AFB	SHILOH	6488	3410	9898	10803	6	2922	10	375 AEROMEDICAL AIRLIFT WING
MARYLAND ANDREWS AFB GOVERNORS BRIDGE COMM STATION, MD	CAMP SPRING DAVIDSONVILLE	6329	3246	9575	12087	4	7737	10	289 MILITARY AIRLIFT GROUP 14 COMMUNICATIONS
MISSOURI BRANDYVINE COMM STATION, MO	BRANDYVINE	70	1	71	71	13	1640	13	CC-MUNICATIONS
NEW JERSEY MCENTIRE AFB	WRIGHTSDOWN	8137	2176	7337	12684	2	3808	7	438 MILITARY AIRLIFT GROUP
NEW MEXICO KIRTLAND AFB	ALBUQUERQUE	5790	4301	10091	11588	5	35383	1	1950 AIRCREW TRAINING TEST WG
NORTH CAROLINA POPE AFB	SPRINGLAKE	3714	341	4055	4285	12	1762	12	317 TACTICAL AIRLIFT WING
OKLAHOMA ALTUS AFB ALTUS COMM ANNEX RECEIVER, OK ALTUS TRAINING ANNEX, OK	ALTUS ELDONADO	3529	626	4155	4880	11	4119	6	433 MILITARY AIRLIFT TNG WG 16 COMMUNICATIONS 13 TRAINING
SOUTH CAROLINA CHAMBERS AFB	CHARLESTON	4421	1388	5810	8885	10	3772	6	437 MILITARY AIRLIFT WING
WASHINGTON REDFORD AFB	TACOMA	5395	1448	6703	8462	7	7176	5	62 MILITARY AIRLIFT WING

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 DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 GENERAL PURPOSE FORCES
 UNITED STATES
 FY 1986

Installation	City	AFIA F.I.L.	AFIA Civ.	AFIA Tot.	Total Pers.	Rank	Leads Area- Acres	Rank	Major Unit-Activity-Function
GUARD AND RESERVE (205)									
ALABAMA									
BIRMINGHAM MUNICIPAL AIRPORT	BIRMINGHAM	4	263	267	1808	17	61	48	AIR NATIONAL GUARD ACTIVITIES
HALL AND STATION	DOTHAN	1	34	35	150	77	17	78	AIR NATIONAL GUARD ACTIVITIES
MARTIN AND STATION	GAUDEN	4	31	35	181	73	7	97	AIR NATIONAL GUARD ACTIVITIES
DANIELLY FIELD	MONTICOMERY	4	261	265	1495	16	53	63	AIR NATIONAL GUARD ACTIVITIES
ARIZONA									
SKY HARBOR IAP	PHOENIX	14	244	258	1342	25	51	65	AIR NATIONAL GUARD ACTIVITIES
TUCSON INTERNATIONAL AIRPORT	TUCSON	3	423	426	1567	18	49	58	AIR NATIONAL GUARD ACTIVITIES
ARKANSAS									
FORT SMITH MUNICIPAL AIRPORT	FORT SMITH	2	20	22	122	66	98	41	AIR NATIONAL GUARD ACTIVITIES
HOT SPRINGS MEMORIAL FIELD	HOT SPRINGS						12	86	AIR NATIONAL GUARD ACTIVITIES
CALIFORNIA									
COMPTON AND STATION	COMPTON	2	20	22	123	64	1602	10	AIR NATIONAL GUARD ACTIVITIES
HAYWARD MUNICIPAL AIRPORT	HAYWARD	6	219	225	1188	36	41	70	AIR NATIONAL GUARD ACTIVITIES
NORTH HIGHLANDS FACILITY	SACRAMENTO	4	32	36	160	78	9	92	AIR NATIONAL GUARD ACTIVITIES
ONTARIO INTERNATIONAL AIRPORT	ONTARIO	2	140	142	963	57	39	71	AIR NATIONAL GUARD ACTIVITIES
VAN NUYS AIRPORT	VAN NUYS	7	336	343	1828	10	62	59	AIR NATIONAL GUARD ACTIVITIES
COLORADO									
BUCKLEY AND BASE	AURORA						3246	5	AIR NATIONAL GUARD ACTIVITIES
CONNECTICUT									
UNPAK AND COMMUNICATION STA	NEW HAVEN						30	74	AIR NATIONAL GUARD ACTIVITIES
BRADLEY INTERNATIONAL AIRPORT	WINDSOR LOCKS	2	180	192	1016	52	168	27	AIR NATIONAL GUARD ACTIVITIES
DELAWARE									
GREATER WILMINGTON AIRPORT	NEWPORT	2	179	181	1067	47	57	61	AIR NATIONAL GUARD ACTIVITIES
GEORGIA									
MACON LUM AND STATION	KENNESAW	1	35	36	168	72	13	82	AIR NATIONAL GUARD ACTIVITIES
INDIANA AFB	MARLETTA	124	868	993	3134	3	2214	9	RC ACT - 94 TAW (APR)
SAVANNAH AND COMM STATION	SAVANNAH	7		7	220	70	12	86	AIR NATIONAL GUARD ACTIVITIES

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 DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 GENERAL PURPOSE FORCES
 UNITED STATES
 FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Area- Acres	Rank	Major Unit-Activity-Function
SAVANNAH MUNICIPAL AIRPORT PICKINSON AIRPORT COMM STA	SAVANNAH ST SIMONS IS	2	270	272	1167	40	231	23	AIR NATIONAL GUARD ACTIVITIES
			20	20	121	88	6	100	AIR NATIONAL GUARD ACTIVITIES
HAWAII KAALA AIR FORCE STATION	WAILANA		91	91	91	94	7	97	AIR NATIONAL GUARD ACTIVITIES
IDaho BOISE AIR TERMINAL (GOWEN FLD)	BOISE	5	235	240	1343	24	457	14	AIR NATIONAL GUARD ACTIVITIES
ILLINOIS GREATER PEORIA AIRPORT CHICAGO O'HARE IAP CAPITAL MUNICIPAL AIRPORT	BARTONVILLE CHICAGO SPRINGFIELD	1 20 2	134 660 228	136 680 230	910 3221 1296	60 2 32	27 391 70	75 16 RC ACT - 928 TAG (AFRI) 85	AIR NATIONAL GUARD ACTIVITIES
INDIANA FT WAYNE MUNICIPAL AIRPORT HULMAN FIELD	PORT WAYNE TERRE HAUTE	4 3	234 207	238 210	1302 1250	31 35	86 278	45 20	AIR NATIONAL GUARD ACTIVITIES
IOWA DES MOINES MUNICIPAL AIRPORT FORT DODGE FACILITY SIOUX CITY MUNICIPAL AIRPORT	DES MOINES FORT DODGE SERGEANT BLUFF	6 1 3	235 31 214	241 32 217	1273 133 1158	34 82 38	113 8 111	37 94 38	AIR NATIONAL GUARD ACTIVITIES
KANSAS FORBES AIRPORT SHREVEY HILL AND RANGE, KS	PAULINE BROOKVILLE	14	276	290	1182	42	795	12	AIR NATIONAL GUARD ACTIVITIES
							33678	1	RANGE
KENTUCKY STAMFORD FIELD	LOUISVILLE	4	244	248	1366	22	65	57	AIR NATIONAL GUARD ACTIVITIES
LOUISIANA HARRISON AND COMM STATION JACKSON BARRACKS AND STATION	HARRISON NEW ORLEANS		20	20	241	68	14	61	AIR NATIONAL GUARD ACTIVITIES
			195	195	270	67	4	102	AIR NATIONAL GUARD ACTIVITIES

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 DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 GENERAL PURPOSE FORCES
 UNITED STATES
 FY 1960

Installation	City	AFTA MIT.	AFTA CIV.	AFTA Tot.	Total Pers.	Area Acres	Rank	Major Unit-Activity-Function
MAINE SOUTH PORTLAND AND STATION	SOUTH PORTLAND	4	31	35	210	71	12	86 AIR NATIONAL GUARD ACTIVITIES
MARYLAND MARTIN AIRPORT	BALTIMORE	5	268	274	1926	8	63	58 AIR NATIONAL GUARD ACTIVITIES
MASSACHUSETTS WESTOVER AFB	CHICOPEE	87	744	831	2584	4	3493	4 RC ACT - 4255 TAG (AFB)
MASSACHUSETTS WELLESLEY AIR STATION	WELLESLEY	31	160	191	1116	44	7	97 AIR NATIONAL GUARD ACTIVITIES
MASSACHUSETTS BARNES MUNICIPAL AIRPORT	WESTFIELD	3	186	189	1116	44	134	34 AIR NATIONAL GUARD ACTIVITIES
MASSACHUSETTS WORCESTER AND STATION	WORCESTER	3	45	48	243	68	8	34 AIR NATIONAL GUARD ACTIVITIES
MICHIGAN PHELPS COLLINS AIRPORT	ALPENA	36	36	72	78	96	3197	6 AIR NATIONAL GUARD ACTIVITIES
MICHIGAN SELFRIDGE AND BASE	MT CLEMENS	101	1352	1453	4573	1	3749	3 RC ACT - 191 FIG (ANG)
MICHIGAN W K KELLOGG REGIONAL AIRFIELD	SPRINGFIELD	5	5	10	803	63	89	44 AIR NATIONAL GUARD ACTIVITIES
MINNESOTA MINNEAPOLIS-ST PAUL IAP	MINNEAPOLIS	32	580	612	2301	6	308	18 RC ACT - 934 TAG (AFB)
MISSISSIPPI ALLEN C THOMPSON FIELD	ELWOOD	2	5	7	917	59	64	46 AIR NATIONAL GUARD ACTIVITIES
MISSISSIPPI GULFPORT MAP AND PERM TNG BASE	GULFPORT	5	56	61	277	65	211	25 AIR NATIONAL GUARD ACTIVITIES
MISSISSIPPI KEY FIELD	MERIDIAN	5	230	235	1393	20	74	53 AIR NATIONAL GUARD ACTIVITIES
MISSOURI ROSEGRAHS MEMORIAL AIRPORT	ELWOOD	2	5	7	834	62	91	42 AIR NATIONAL GUARD ACTIVITIES
MISSOURI LAMBERT ST LOUIS IAP AND	ST ANN	3	287	290	1868	12	51	55 AIR NATIONAL GUARD ACTIVITIES
MISSOURI JEFFERSON BARNACKS AND STATION	ST LOUIS	1	46	47	278	66	135	33 AIR NATIONAL GUARD ACTIVITIES
MONTANA GREAT FALLS IAP	GREAT FALLS	2	306	308	1304	30	138	32 AIR NATIONAL GUARD ACTIVITIES

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 AIR FORCE BASE STRUCTURE
 GENERAL PURPOSE FORCES
 UNITED STATES
 FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rev.	Acres	Rank	Major Unit-Activity-Function
NEBRASKA LINCOLN MUNICIPAL AIRPORT	LINCOLN	1	245	246	1373	21	163	26	AIR NATIONAL GUARD ACTIVITIES
NEVADA RENO INTERNATIONAL AIRPORT	RENO	2	231	233	1329	26	120	36	AIR NATIONAL GUARD ACTIVITIES
NEW YORK NIAGARA FALLS IAP ROSLYN ANG STATION SCHENECTADY AIRPORT WESTCHESTER COUNTY MAP	NIAGARA FALLS ROSLYN SCHENECTADY WHITE PLAINS	22	609	631	2504	5	980	11	RC ACT - 914 TAG (AFR) 66 AIR NATIONAL GUARD ACTIVITIES 39 AIR NATIONAL GUARD ACTIVITIES 106 AIR NATIONAL GUARD ACTIVITIES
NORTH CAROLINA DADIN ANG STATION DOUGLAS MUNICIPAL AIRPORT	DADIN CHARLOTTE	2	20	22	121	68	6	100	AIR NATIONAL GUARD ACTIVITIES
NORTH DAKOTA HECTOR FIELD	FARGO	9	278	287	1305	29	133	35	AIR NATIONAL GUARD ACTIVITIES
OHIO BLUE ASH ANG STATION MANSFIELD SPRINGFIELD SWANSON VIENNA ZANESVILLE ANG STATION	BLUE ASH MANSFIELD SPRINGFIELD SWANSON VIENNA ZANESVILLE	1	31	32	133	62	12	86	AIR NATIONAL GUARD ACTIVITIES 63 AIR NATIONAL GUARD ACTIVITIES 63 AIR NATIONAL GUARD ACTIVITIES 47 AIR NATIONAL GUARD ACTIVITIES 50 AIR NATIONAL GUARD ACTIVITIES 22 RC ACT - 910 TFR (A-3) 74 AIR NATIONAL GUARD ACTIVITIES
OKLAHOMA WILL ROGERS WORLD AIRPORT TULSA INTERNATIONAL AIRPORT	OKLAHOMA CITY TULSA	6	225	231	1313	28	71	54	AIR NATIONAL GUARD ACTIVITIES 51 AIR NATIONAL GUARD ACTIVITIES
OREGON PORTLAND IAP	PORTLAND	16	474	490	2157	7	394	16	RC ACT

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 DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 GENERAL PURPOSE FORCES
 UNITED STATES
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Installation	City	AFTA MIL	STA CIV	AFTA Tot	Total Pers	Rank	Area- Acres	Rank	Major Unit-Activity-Function
PENNSYLVANIA									
GREATER PITTSBURGH ANG BASE	CORAPOLIS	29	720	750	1845	9	90	43	AIR NATIONAL GUARD ACTIVITIES
GREATER PITTSBURGH IAP	CORAPOLIS	2	228	230	1345	23	346	17	NC ACTIVITIES (AFR)
DIARRISBURGH IAP OLIVESTED FIELD	MIDDLETOWN	11	12	12	87	95	35	72	AIR NATIONAL GUARD ACTIVITIES
PHILADELPHIA IAP COMM STA ANG	PHILADELPHIA	1	23	24	98	89	3	105	AIR NATIONAL GUARD ACTIVITIES
STATE COLLEGE ANG STATION	STATE COLLEGE								
RHODE ISLAND									
COVENTRY ANG STATION	COVENTRY	4	34	34	160	75	17	79	AIR NATIONAL GUARD ACTIVITIES
TREDONE F GREEN MAP	WARWICK						19	77	AIR NATIONAL GUARD ACTIVITIES
NO SMITHFIELD FACILITY, RI	SLATERSVILLE						10	90	AIR NATIONAL GUARD ACTIVITIES
SOUTH CAROLINA									
MCENTIRE ANG BASE	EASTOVER	4	246	250	1310	27	2300	8	AIR NATIONAL GUARD ACTIVITIES
SOUTH DAKOTA									
JOE FOSS FIELD	SIOUX FALLS	2	216	218	1174	38	145	30	AIR NATIONAL GUARD ACTIVITIES
TENNESSEE									
ALCOA ANG STATION	ALCOA	1	1	1	97	92	12	86	AIR NATIONAL GUARD ACTIVITIES
MCNEEL TYSON AIRPORT	ALCOA	13	316	329	1650	13	287	19	AIR NATIONAL GUARD ACTIVITIES
LOVELL FIELD	CHATTANOOGA	2	11	13	98	91	10	90	AIR NATIONAL GUARD ACTIVITIES
NASHVILLE MUNICIPAL AIRPORT	NASHVILLE	5	206	211	1165	37	66	56	AIR NATIONAL GUARD ACTIVITIES
MEMPHIS INTERNATIONAL AIRPORT	DAKOTILE	3	179	182	1002	54	226	24	AIR NATIONAL GUARD ACTIVITIES
TEXAS									
GARLAND ANG BASE	GARLAND	4	28	32	147	79	4	102	AIR NATIONAL GUARD ACTIVITIES
ELLINGTON ANG BASE	GENOA	4	442	446	1727	12	2436	7	AIR NATIONAL GUARD ACTIVITIES
LA PORTE ANG STATION	LA PORTE	2	11	11	92	93	12	86	AIR NATIONAL GUARD ACTIVITIES
NEEDLAND ANG STATION	NEEDLAND						9	92	AIR NATIONAL GUARD ACTIVITIES
UTAH									
FRANCIS PEAR ANG STATION	FARMINGTON	19	299	318	1729	11	20	76	AIR NATIONAL GUARD ACTIVITIES
SALT LAKE CITY IAP	SALT LAKE CITY						75	52	AIR NATIONAL GUARD ACTIVITIES

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 AIR FORCE BASE STRUCTURE
 GENERAL PURPOSE FORCES
 UNITED STATES
 FY 1980

Installation	City	AFIA Mil	AFIA Civ.	AFIA Tot.	Total Pers.	Rank	Land Area	Rank	Major Unit-Activity-Function
VERMONT BURLINGTON IAP	SO. BURLINGTON	3	218	221	997	55	521	13	AIR NATIONAL GUARD ACTIVITIES
VIRGINIA BYRD FIELD	SANDSTON	2	256	258	1455	19	143	31	AIR NATIONAL GUARD ACTIVITIES
WASHINGTON BELLINGHAM MAP FOUR LAKES COMM STATION PAINE FIELD AND STATION SEATTLE ANG BASE SPOKANE INTERNATIONAL AIRPORT	BELLINGHAM CHENEY EVERETT SEATTLE SPOKANE	2 1 1 2 2	20 28 12 20 7	22 29 13 22 9	123 31 86 123 149	84 88 91 84 78	4 156 15 6 79	102	AIR NATIONAL GUARD ACTIVITIES 28 AIR NATIONAL GUARD ACTIVITIES 50 AIR NATIONAL GUARD ACTIVITIES 94 AIR NATIONAL GUARD ACTIVITIES 50 AIR NATIONAL GUARD ACTIVITIES
WEST VIRGINIA FAMAMIA COUNTY AIRPORT EASTERN WA REGIONAL AIRPORT	CHARLESTON MARTINSBURG	4 11	174 179	178 180	1065 1063	48 49	58 272	50 21	AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES
WISCONSIN VON K FIELD AND BASE TRUMAN FIELD GEN BILLY MITCHELL FIELD	CAMP DOUGLAS MADISON MILWAUKEE	3 4 10	41 146 527	44 150 537	143 920 1508	80 85 16	7629 153 99	2 28 40	AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES HC ACT - 440 TAW (AFR)
WYOMING CHEYENNE MAP ANG	CHEYENNE	1	183	184	1080	45	46	69	AIR NATIONAL GUARD ACTIVITIES

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DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
GENERAL PURPOSE FORCES
UNITED STATES TERRITORIES AND POSSESSIONS
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Acres	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (202)									
ALBROOK AIR FORCE BASE	BALBOA	358	32	390	390	1	571	2	SUPPORT OF GEN. PURPOSE FORCES
WAKE ISLAND AIR FORCE BASE	WAKE ISLAND	0	0	0	0	0	2600	1	WEATHER-SUPPORT

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DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
GENERAL PURPOSE FORCES
Military Installations Used By
the U. S. Forces in Foreign Areas
FY 1980

Installation	City	AFTA Mil	AFTA Civ.	AFTA Tot.	Total Pers.	Land Acres	Rank	Major Unit-Activity-Function
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GENERAL PURPOSE (202)

GERMANY, FEDERAL REP OF

RHEINLAND

BITBURG AIR BASE
HANGSTEN AIR BASE
HANGSTEN AIR BASE
HANGSTEN AIR BASE
SPANGDAHL AIR BASE
SPANGDAHL AIR BASE
ZWEIBRUCKEN AIR BASE

BITBURG	3070	914	4484	4890	6	1083	18 36	TACTICAL FIGHTER WING
LANGSTUHL	7848	2924	10772	11296	3	3032	5 86	TACTICAL FIGHTER WING
LAUTZENHAUSEN	4395	688	5083	5143	6	1233	12 50	TACTICAL FIGHTER WING
SPANGBACH	2408	511	3019	3462	14	523	22 60	TACTICAL CONTROL WING
SPANGDAHL	3826	536	4361	4807	9	1216	13 52	TACTICAL FIGHTER WING
SPANGDAHL AIR BASE	2250	420	2670	2698	15	694	21 26	TACTICAL RECON. WING
ZWEIBRUCKEN								

GREECE

INAVLION AIR BASE

CHETE

197 24 OPERATIONAL/TNG BASE

ITALY

AVIANO AIR BASE

PORDENONE

18 40 TACTICAL GROUP

KADENA AIR BASE
MISAWA AIR BASE

KOZA, OKINAWA
MISAWA

2 18 TACTICAL FIGHTER WING
3 TACTICAL/PATROL AIRCRAFT

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DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
GENERAL PURPOSE FORCES
Military Installations Used by
the U. S. Forces in Foreign Areas
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Area	Rank	Major Unit-Activity-Function
KUNSAN AIR BASE OSAN AIR BASE	KUNSAN SONGTAN	3118 4318	500 774	3618 5 92	3859 5339	13 4	2243 1539	7 8 10 51	TACTICAL FIGHTER WING COMPOSITE WING
		NETHERLANDS							
CAMP NEW AMSTERDAM AIR BASE	SOESTERBERG							125	25 32 TACTICAL FIGHTER SQUADRON
		PHILIPPINES							
CLARK AIR BASE CAMP O'DONNELL, RP	ANGELES O'DONNELL	8347	2385	10732	11441	2	9082	1 3 23	TACTICAL FIGHTER WING TRAINING RANGE
		PORTUGAL							
LAJES FIELD	PRAIA	1239	1059	2298	2394	16	903	19	1605 AIR BASE WING
		SPAIN							
TORREJON AIR BASE ZARAGOZA AIR BASE	MADRID ZARAGOZA	3822 1493	975 145	4707 1638	5141 2247	7 19	2010 2962	6 401 6 406	TACTICAL FIGHTER WING TACTICAL FIGHTER WING

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DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
GENERAL PURPOSE FORCES
Military Installations Used By
the U.S. Forces in Foreign Areas
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers	Rank	Area-	Rank	Major Unit-Activity-Function
TURKEY									
INCIRLIK AIR BASE	INCIRLIK	0	0	0	0	0	3220	4	39 TACTICAL GROUP
UNITED KINGDOM									
ALCONBURY RAF BASE	ALCONBURY	2233	0	2233	2287	18	1165	15	10 TACTICAL RECON WING
LAKEMOUTH RAF BASE	LAKEMOUTH	4344	0	4344	5164	5	1554	9	48 TACTICAL FIGHTER WING
PAIRFORD RAF BASE	SHROTON	0	0	0	0	0	1273	11	TACTICAL FIGHTER SUPPORT
UPPER HEYFORD RAF BASE	UPPER HEYFORD	3633	327	3960	4297	10	1191	14	20 TACTICAL FIGHTER WING
RENNETWATER RAF BASE	WOODBRIDGE	3736	398	4134	4193	11	782	20	81 TACTICAL FIGHTER WING
WOODBRIDGE RAF BASE	WOODBRIDGE	416	5	421	421	21	994	17	78 TACTICAL FIGHTER SQUADRON

AIRLIFT/SEALIFT FORCES (104)

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers	Rank	Area-	Rank	Major Unit-Activity-Function
GERMANY, FEDERAL REP OF									
BERLIN	BERLIN	1032	687	1729	1729	4	0	4	SUPPORT ACTIVITIES
TEMPELHOF AIRPORT	BERLIN	0	0	0	0	0	0	0	0
WIEDEM MAIN AIR BASE	FRANKFURT	4307	1190	5497	5729	2	608	3	430 TACTICAL AIRLIFT WING

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DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
GENERAL PURPOSE FORCES
Military Installations Used by
the U. S. Forces in Foreign Areas
FY 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot.	AFIA Total Pers.	Land Area Acres	Rank	Major Unit-Activity-Function
JAPAN								
YOKOTA AIR BASE	TOKYO	4167	2233	6400	6992	1	1781	1 348 TACTICAL AIRLIFT SQUADRON
UNITED KINGDOM								
MILDENHALL RAF BASE	MILDENHALL	2886	324	3190	3261	3	1017	2 813 TACTICAL AIRLIFT WING

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DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
AUXILIARY FORCES
UNITED STATES
17 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	Total Pers	Rank	Land Area	Rank	Major Unit-Activity-Function
INTELLIGENCE AND COMMUNICATIONS (303)									
ALASKA									
ATKA	ATKA	621	25	646	785	2	3820	1	6 STRATEGIC WING, DET 1
HAWAII									
CALIFORNIA AF SOLAR OBS RES SITE	HAWAII	12	0	12	12	3	6	4	SOLAR OBSERVATION
MISSOURI									
NICHOLAS VALAUR AFB BELTON COMM STATION ANNEX, MO	BELTON	68	907	975	1868	1	2834	2	442 TACTICAL AIRLIFT WING 3 COMMUNICATIONS
NEBRASKA AND DEVELOPMENT (JOS)									
CALIFORNIA									
LOS ANGELES AFB SUNNYVALE AIR FORCE STATION, CA CAMP PARKS COMM ANNEX, CA LOS ANGELES AF OT ANNEX, CA EDWARDS AFB COTTON PLATS AIR STRIP, CA	EL SEGUNDO SUNNYVALE PLEASANTON LOS ANGELES ROSBORO BISHOP	1481 768 0 51 3078 0	1079 237 0 56 2137 0	2560 1005 0 107 5116 0	9943 1134 0 107 7140 0	2	86 82 12 4 200783 691	13	SPACE & MISSILE SYSTEMS ORG 12 REG ACTIVITIES 16 COMMUNICATIONS 17 RAD ACTIVITIES 2 AF FLIGHT TEST CENTER 8 HIGH ALTITUDE TEST LANDING
FLORIDA									
CHROME KEY AIR FORCE STATION EGLIN AFB EGLIN AFB EGLIN AFB EGLIN AFB EGLIN AFB EGLIN AFB	VALPARISO VALPARISO CRESTVIEW MILTON MILTON VALPARISO	7908 311 0 0 0 3128	3273 548 0 0 0 324	11278 886 0 0 0 3480	13301 2003 0 0 0 3520	7	70 482675 880 628 782 173 840	14	ELECTRONICS SITE 1 AIRCRAFT DEVELOPMENT/TEST CTR 10 SPECIAL OPERATIONS GROUP 9 AUXILIARY FIELD 7 AUXILIARY FIELD 11 AUXILIARY FIELD 6 1 SPECIAL OPERATIONS WING

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 DEPARTMENT OF DEFENSE
 AIR FORCE BASE SIMULUM
 AUXILIARY FORCES
 UNITED STATES
 FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	AFTA Tot. Pers.	Rank	Land Area Acres	Major Unit-Activity-Function
MASSACHUSETTS HANBORN AFB	BEDFORD	1897	2864	4761	5180	4	887	8 ELECTRONICS SYSTEMS DIV AFSC
NEW MEXICO SACRAMENTO PEAK UPPER AIR RES	LOUD CRAFT	.	.	.	.	.	41356	3 RESEARCH SITE
NEW YORK YOUNGSTOWN TEST SITE	YOUNGSTOWN	3	2	5	5	10	89	12 R&D ACTIVITIES
TENNESSEE ARNOLD AFB	MANCHESTER	95	154	249	3041	6	30081	4 ENGINE DEVELOPMENT CTR

CENTRAL SUPPLY AND MAINTENANCE (EASTERN TEST RANGE) (307)

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	AFTA Tot. Pers.	Rank	Land Area Acres	Major Unit-Activity-Function
FLORIDA PATRIOT AFB	COCOA BEACH	3832	2179	6011	8424	1	2342	2 AF EASTERN TEST RANGE
CAPE CANAVERAL AIR FORCE STA, FL PORT CANAVERAL		2	.	2	2221	2	18424	1 EASTERN TEST RANGE

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AUXILIARY FORCES
Military Installations Used By
the U S Forces in Foreign Areas
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Installation	City	AFIA Mil.	AFIA Civ.	AFIA Tot.	AFIA Total Pers.	Rank	Lead Area	Rank	Major Unit-Activity-Function
ITALY									
SAN VITO AIR STATION	SAN VITO	1341	228	1569	1	389			3 COMMUNICATIONS
PHILIPPINES									
WALLACE AIR STATION	SAN FERNANDO	0	0	0	0	492			2 COMMUNICATIONS
TURKEY									
KARAKUSEL AIR STATION	KARAKUSEL	690	227	922	2	822			1 COMMUNICATIONS

INTELLIGENCE AND COMMUNICATIONS (303)

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 AIR FORCE BASE STRUCTURE
 MISSION SUPPORT FORCES
 UNITED STATES
 FY 1980

Installation	City	AFIA Mil.	AFIA Civ.	AFIA Tot.	AFIA Total Pers.	Rank	Land Area- Acres	Major Unit-Activity-Function
STRATEGIC (401)								
COLORADO								
PETERSON AFB	COLORADO SPOB	2085	937	3022	3566	1	1176	1 AEROSPACE DEF CMD HQ448 AD WQ
HONOLULU COMBAT OPS	COLORADO SPOB						818	2 COMMUNICATIONS
GENERAL PURPOSE (402)								
CALIFORNIA								
POINT ARDEN AIR FORCE STATION	ANCHOR BAY	87	32	119	120	4	90	6 GENERAL SUPPORT ANNEX
PILLAR POINT AIR FORCE STATION	HALF MOON BAY						47	7 GENERAL SUPPORT ANNEX
HAWAII								
HICKAM AFB	HONOLULU (APUSP)	5502	4008	9510	11078	1	2725	1 9 AIRBORNE COMMAND & CONTROL 800
WAIHANA COMM STATION, HI	WHITMORE VIL						9	10 COMMUNICATIONS
BELTONE AIR FORCE STATION, HI	WAINANALO	63	88	121	121	3	1571	2 COMMUNICATIONS
HONOLULU AIR FORCE STATION, HI	JOHNSTON ISLAND						684	3 COMMUNICATIONS
KAHANA POINT FACILITY, HI	WAIHANA	16	13	23	23	6	141	4 MISSILE TRACKING
POWELL AFB, HI	KOHALA		81	81	81	5	11	5 SPACE TRACKING
PUNAHONA AIR FORCE STATION, HI	KAHUKU						33	8 COMMUNICATIONS
OKLAHOMA								
OKLAHOMA CITY AFB	MIDWEST CITY	231	311	542	544	2	129	5 GENERAL SUPPORT ANNEX

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AIR FORCE BASE STRUCTURE
MISSION SUPPORT FORCES
UNITED STATES TERRITORIES AND POSSESSIONS
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (402)									
HOWARD AIR FORCE BASE	BALDGA	1670	692	2362	2486	1	14078	1	USAF SOUTHERN AIR DIV

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AIR FORCE BASE STRUCTURE
MISSION SUPPORT FORCES
Military Installations Used By
the U. S. Forces in Foreign Areas
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Area- Acres	Rank	Major Unit-Activity-Function
GERMAN, FEDERAL REP OF									
GENERAL PURPOSE (402)									
HESSEN									
LINDSEY AIR STATION	WILSHAUDEN	1311	385	1696	1724	2	30	4	SUPPORT ACTIVITIES
RHEINLAND									
EINSLIEDERHOF AIR STATION	KATSEKSLAUTERN						244	1	SUPPORT ACTIVITIES
GREECE									
HELLENIKON AIR BASE	ATHENS	1279	353	1628	2044	1	172	2	7206 AIR BASE GROUP
TURKEY									
ANKARA AIR STATION	ANKARA	280	126	406	982	3	133	3	SUPPORT ACTIVITIES

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AIR FORCE BASE STRUCTURE
CENTRAL SUPPORT FORCES
UNITED STATES
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (507)									
ARIZONA									
AIR FORCE PLANT 44	TUCSON						2174		10 PRODUCTION-MISSILES (C)
CALIFORNIA									
AIR FORCE PLANT 42	PALMDALE						5538		6 PRODUCTION-AIRCRAFT PARTS (C)
MCLELLAN AFB	SACRAMENTO	2879	12801	15680	16564	6	3687		9 AIR LOGISTICS CENTER
MCLELLAN STORAGE ANNEX, CA	FOX SOM	2	59	61	12		52		29 STORAGE ANNEX
LINCOLN COMM ANNEX, CA	LINCOLN	21	1	22	22	13	356		19 COMMUNICATIONS
AIR FORCE PLANT 19	SAN DIEGO						70		25 PRODUCTION-AIRCRAFT PARTS (C)
COLORADO									
AIR FORCE PLT (MISSILE SITE 1)	DENVER						464		17 PRODUCTION-MISSILE PARTS (C)
GEORGIA									
AIR FORCE PLANT 6	MAIETTA						703		13 PRODUCTION-AIRCRAFT PARTS (C)
ROBBER AIR	WARNER ROBINS	3749	14277	18026	19325	5	7629		2 AIR LOGISTICS CENTER
KANSAS									
AIR FORCE PLANT 13	WICHITA						549		15 PRODUCTION-AIRCRAFT (C)
MARYLAND									
AIR FORCE PLANT 50	HALETHORPE						15		37 AIRCRAFT QUALITY EXTENSIONS (C)
MASSACHUSETTS									
AIR FORCE PLANT 26	EVERETT						49		30 PRODUCTION-JET ENGINES (C)
AIR FORCE PLANT 29	LYNN						18		36 PRODUCTION-JET ENGINES (C)
AIR FORCE PLANT 53	NORTH DRAFTON						232		21 PRODUCTION-AIRCRAFT FORGINGS (C)
MISSOURI									
AIR FORCE PLANT 55	NEOSHO						357		18 ENGINE OVERHAUL (C)
AMA AEROSPACE CTR	ST LOUIS	81	9	3300	3380	7	66		27 PRODUCTION-AEROSPACE MAPS/DMA
AIR FORCE PLANT 84	ST LOUIS						45		31 PRODUCTION-AIRCRAFT (C)

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 DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 CENTRAL SUPPORT FORCES
 UNITED STATES
 FY 1980

Installation	City	AFIA Mil.	AFIA Civ.	AFIA Tot.	Total Purs.	Rank	Land Acres	Rank	Major Unit-Activity-Function
NEW MEXICO AIR FORCE PLANT 83	ALBUQUERQUE	.	.	.	.	.	33	33	PRODUCTION-JET ENGINE PARTS(C)
NEW YORK AIR FORCE PLANT 89 AIR FORCE PLANT 36 AIR FORCE PLANT 49	BINGHAMTON BUFFALO BUFFALO	.	.	.	.	.	30 681 8	34 12 36	PRODUCTION-AIRCRAFT SYSTEMS(C) PRODUCTION-ROCKET ENGINES (C) PRODUCTION-STEEL SHAPES (C)
OHIO AIR FORCE PLANT 47 DEF ELECTRONICS SUPPLY CTR AIR FORCE PLANT 26 UNLUFT PATTERSON AFB NEWARK AIR FORCE STATION NEWARK STORAGE AREA, OH AIR FORCE PLANT 27	CLEVELAND DAYTON COLUMBIA COLUMBIA COLUMBIA COLUMBIA COLUMBIA COLUMBIA	.	.	.	.	.	26 165 66 8560 56 40 79	35 22 27 4 28 32 24	PRODUCTION-AIRCRAFT FORGINGS (C) LOGISTICS DEPT (C) PRODUCTION-JET ENGINES (C) AIR LOGISTICS COMMAND HQ AIR NATIONAL GUARD ACTIVITIES STORAGE PRODUCTION-JET ENGINES (C)
OKLAHOMA LAWRENCE AFB AIR FORCE PLANT 3	WICHITA CITY TULSA	4410 .	16072 .	20182 .	22903 .	3	4382 332	8 20	AIR LOGISTICS CENTER PRODUCTION-AIRCRAFT PARTS (C)
TEXAS AIR FORCE PLANT 4 FELLY AFB SAN ANTONIO AIR FORCE STATION, TX	FT WORTH SAN ANTONIO SAN ANTONIO	4259 35	16496 390	21255 425	25241 456	2 10	515 164	16 7 23	PRODUCTION-WEAPONS SYSTEMS (C) AIR LOGISTICS CENTER COMMUNICATIONS
UTAH AIR FORCE PLANT 76 AIR FORCE PLANT 77 HILL AFB MEMPHIS WING, UT HILL WING, UT	BIRMINGHAM CITY CLEVELAND CLEVELAND MEMPHIS MEMPHIS	1515 688 945902 572588 351539	11 14 1 2 3	PRODUCTION-MISSILES (C) PRODUCTION-MISSILES (C) AIR LOGISTICS CENTER RANGE RANGE

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 DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 CENTRAL SUPPORT FORCES
 UNITED STATES
 FY 1980

Installation	City	AFTA Mil.	AFTA CLV	AFTA Tot.	Total Pers.	Rank	Area- Acres	Rank	Major Unit-Activity-Function
TRAINING, MEDICAL AND OTHER PERSONNEL (508)									
ALABAMA									
MAXWELL AFB	MONTGOMERY	3787	2826	6283	9249	6	2690		14 AIR UNIVERSITY
WRIGHT AFB, AL	MONTGOMERY						392		23 AF DATA SYSTEMS DESIGN CENTER
WHITE LOUP CORR FAC ANNEX, AL	MONTGOMERY		7	7	7	18	37		25 COMMUNICATIONS
ARIZONA									
WILLIAMS AFB	CHANDLER	2276	754	3030	3631	10	4887		6 62 FLYING TRAINING WING
WITTENHOUSE AAF, AZ	WITTENHOUSE						764		21 AUXILIARY TRAINING FIELD
COOLIDGE/FLORENCE AIRPORT, AZ	COOLIDGE						5		27 AUXILIARY TRAINING FIELD
CALIFORNIA									
PAETTER AFB	RANCHO CORDOVA	3723	1315	5108	5803	9	5798		4 323 FLYING TRAINING WING
COLORADO									
US AIR FORCE ACADEMY	COLORADO SPRGS	2344	1952	4296	9242	7	18325		1 OFFICER ACQUISITION TRAINING
LOWRY AFB	DENVER	3393	4159	7552	12086	3	6080		3 TECHNICAL TRAINING CENTER
LOWRY AFB TRAINING ANNEX, CO	WATKINS						3833		10 TRAINING
ILLINOIS									
CHARLOTTE AFB	RANTOUL	2626	1361	3987	9309	5	2174		15 TECHNICAL TRAINING CENTER
MISSISSIPPI									
Keesler AFB	BILOXI	5433	2810	8253	14309	2	3565		11 TECHNICAL TRAINING CENTER
Peaflyer GI TNG, MS	BILOXI						57		24 TRAINING
COLUMBUS AFB	COLUMBUS	2077	537	2614	3060	11	4926		7 14 FLYING TRAINING WING
MARION COUNTY AIRPORT, AL	HAMILTON	15	15	15	15	17	1		29 AUXILIARY TRAINING FIELD
OKLAHOMA									
VANCE AFB	ENID	680	127	817	2735	15	4204		9 71 FLYING TRAINING WING
REUTEMAN AAF, OK	JET						1134		17 AUXILIARY TRAINING FIELD
TEXAS									
LAUGHLIN IN AFB	DEL RIO	1974	165	2539	2929	12	3306		6 47 FLYING TRAINING WING
FAULKNER PASS AAF, TX	QUINADA						824		20 AUXILIARY TRAINING FIELD
MC AFB	LUBBOCK	1810	640	2470	2873	11	3546		12 64 FLYING TRAINING WING

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 DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 CENTRAL SUPPORT FORCES
 UNITED STATES
 FY 1960

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area - Acres	Rank	Major Unit-Activity-Function
RESE AFB, TX	BROWNFIELD	1032	298	1330	2118	18	520	22	AUXILIARY TRAINING FIELD
GOODWILL AFB	SAN ANGELO	1084	954	2038	2807	14	1119	18	6940 SECURITY WING DIVISION
BROWNS AFB	SAN ANTONIO	6467	2108	8575	23472	1	1310	16	AEROSPACF MEDICAL DIVISION
MACLAND AFB	SAN ANTONIO						6828	2	USAF BASIC MILITARY SCHOOL
INDIGO MUNICIPAL AIRPORT, TX	HOMER							29	AUXILIARY TRAINING FIELD
CASTROVILLE AFB, TX	CASTROVILLE	4590	2460	7050	7459	8	3497	13	12 FLYING TRAINING WING
UNIVERSAL CITY	UNIVERSAL CITY						826	19	AUXILIARY TRAINING FIELD
SEGUIN	SEGUIN						5053	5	TECHNICAL TRAINING CENTER
WICHITA FALLS	WICHITA FALLS	3516	1734	5250	11079	4		26	AUXILIARY AIRFIELD
FREDERICK MUNICIPAL AIRPORT, OK	FREDERICK								

ADMINISTRATION AND ASSOCIATED ACTIVITIES (SUG)

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area - Acres	Rank	Major Unit-Activity-Function
DIST OF COLUMBIA	WASHINGTON	1933	739	2672	2687	1	606	1	MO USAF SUPPORT
BOLLING AFB									

CHAPTER FIVE

MARINE CORPS BASE STRUCTURE

I. INTRODUCTION

This Chapter presents the Marine Corps' approach to a basing structure and the relationship of this structure to the Marine Corps' tactical force structure. In addition, base operating costs are identified.

The National Security Act of 1947, as amended, prescribes the organization of the Marine Corps.

Based upon this directive, today's Marine Corps is organized into three active and one Reserve Division-Wing Teams, security forces for Naval installations, combatant vessels and embassies, plus a support establishment of operating bases, air stations, training centers, logistic and support bases and headquarters elements.

The Marine Corps has identified no future force programs which will change the basic organization of the Marine Corps or its installation alignment.

II. BASE STRUCTURE OVERVIEW

Marine Corps installations are geographically situated to support its tactical forces and are positioned for maximum responsiveness to contingency operations.

Marine Corps operational commitments are projected to remain unchanged from the FY 1978 projections. Specifically, the Marine Corps will maintain one Marine Amphibious Force (MAF) on the East Coast of the U. S. available to CINCLANT for commitment anywhere in the Atlantic or Caribbean. This East Coast based MAF will also continue to provide up to two Marine Amphibious Units (MAU's) at all times for afloat deployments in the Atlantic, Caribbean, and Mediterranean, as necessary. This MAF will also continue to be earmarked as our primary force for Allied Command Europe (ACE) in event of NATO/Warsaw Pact hostilities.

One MAF will remain forward deployed in the western Pacific, one BDE of that MAF will remain in Hawaii and one MAF will remain on the West Coast of the U. S. The West Coast and Hawaii based units will rotate BLT's to the western Pacific. Two MAU's will be available at all times for afloat deployments from the western Pacific based units.

One MAF will remain based on the West Coast of the U. S., earmarked as a follow-on force for ACE in the event of a NATO conflict, or as a follow-on force for a conflict in Asia.

The Reserve Division Wing/Team will be prepared on short notice to augment the active structure with additional capabilities for a major war.

The general force plans for Fleet Marine Forces (FMF) are to maintain three active MAF's and one Reserve Division Wing Team at the maximum state of readiness and deployment so as to assure a capability for rapid and effective response anywhere in the world to support the National strategy. The basic concept that links operating forces with the base structure is the essential requirement to maintain a base and logistics structure capable of:

- supporting peacetime force levels and operational commitments;

- accommodating rapid expansion to wartime force levels : event of mobilization; and,
- maintaining a training and logistics support posture that will provide sustained support for forces committed overseas under full mobilization conditions.

Rationale for the Location of Major Activities:

1. Operational bases Camp Lejeune, Camp Pendleton, Camp Butler and Air Station Kaneohe Bay supporting the FMF have the following specific requirements:

- a. Adequate training areas for both vertical and over-the-beach amphibious assault training.
- b. Direct rail and highway access to mount-out ports (with one way transit time not exceeding four hours), and across-the-beach out-load capability for all amphibious shipping.
- c. Helicopter shore facility located to afford direct mount-out and on-load of amphibious shipping at sea from shore based facility.
- d. Light fixed-wing aircraft facilities, helicopter landing sites, and fixed-wing VTC sites within the Division area to support air-ground team training and operations.
- e. Adequate facilities for combined arms training to include impact areas for live firing of organic weapons.
- f. Remote areas with suitable beaches and undeveloped airfield sites for advance deployment training of air-ground teams.
- g. Ready access to established logistical supporting bases.
- h. Sea, air, and beach areas with suitable adjacent maneuver areas inland for the accomplishment of integrated Navy/Marine amphibious training and exercises.

2. Aviation Combat Elements have the following requirements:

a. Fighter and Attack Squadrons (VMFA/VMA), located at Marine Corps Air Station, Beaufort, Cherry Point, El Toro, Iwakuni, Kaneohe Bay, and Yuma.

(1) A tactical jet air base within 100-200 miles of the Division base.

(2) Capability to conduct aircraft carrier qualifications within 100 miles of a suitable air installation aviation use in emergency situations such as low fuel state or fouled deck.

(3) Field Mirror Landing Practice at the field and other suitable outlying airfield within 100 miles of home base.

(4) High performance air combat maneuvering air space free from other activity and within 100 miles of home base.

(5) Sea and air space free from other activity for safe firing of Sidewinder, Sparrow, or other air-to-air missiles currently in the inventory or those which will be introduced or tested in the foreseeable future.

(6) Instrumented weapons range, targets and control facilities, free from other activity for safe firing of missile weapons systems and for Special Weapons Delivery Training.

(7) Targets and control facilities for delivery of air-to-air-surface ordnance in ground, sea and air space free from other activity and installations for accomplishment of necessary training with conventional ordnance. Targets within 100 nautical miles of home base. If located greater than 100 miles from home base, a support field with appropriate facilities will be required to support aviation unit deployments.

(8) Fixed and moving shore and seaborne targets for accomplishment of necessary all-weather training with conventional ordnance and guided stand-off weapons which are currently available or will be introduced.

(9) Ground Controlled Intercept/Marine Tactical Data System (GCI/MTDS) units located so as to promote air-to-air intercept training.

(10) Suitable air space for conduct of aerial refueling practice.

b. Marine Attack Helicopter/Marine Light Helicopter/Marine Medium Helicopter/Marine Heavy Helicopter/Marine Observation Squadrons (HMA/HML/HMM/HMH/VMO), located Marine Corps Air Stations, Tustin, New River, and Futenma.

(1) A helicopter air station located within 40 miles of a Marine division.

(2) High elevation confined area landing sites for training rotary wing pilots.

(3) Protected air space and ordnance target complexes within 50 miles of home port for training pilots and gunners.

(4) Outlying landing sites within 50 miles of home port for the conduct of syllabus training including Field Carrier Landing Practice.

(5) Facilities for all-weather training.

(6) Ready access to division training areas for combined arms and assault helicopter joint vertical training.

(7) Ready access to helicopter capable amphibious shipping (LHA/LPH) for the conduct of ship-based training and operations.

3. Marine Corps operating bases for forward deployed units in Japan and Hawaii, generally meet the requirements as stated previously.

4. Twentynine Palms was originally established as an artillery training base and aviation gunnery range. However, the recently established Marine Corps Air Ground Combat Training Center increases the overall use of this facility because of the year round use by all

elements of the Marine combined arms team. Twentynine Palms' size and location permits unrestricted firing in almost any direction of both artillery and air delivered ordnance. Additionally, this base provides ample space for the maneuver of mobile-mechanized task forces. The Marine Corps Communications-Electronics School is also located at Twentynine Palms. This school was moved from San Diego to Twentynine Palms because of the absence of electromagnetic interference and conflicting electromagnetic transmissions in the San Diego area.

5. The Marine Corps has two logistics support activities, one at Albany, Georgia, and the other at Barstow, California. The Marine Corps Logistics Bases are geographically located to provide the required direct support to individual FMF's at near minimum operating and transportation costs. Both are located in areas of relatively stable labor markets where there is little or no competition from either government or civilian sectors for required labor skills.

6. The Marine Corps maintains two recruit depots, one at Parris Island in South Carolina, and the other at San Diego in California. The Marine Corps trained 41,370 male regular and Reserve recruits and 2,120 female regular and Reserve recruits during Fiscal Year 1978. Neither Recruit Depot at Parris Island nor the one at San Diego can handle the recruit load alone. Generally, recruits from the Western half of the nation are trained at San Diego and those from the East are trained at Parris Island. Women are trained only at Parris Island. The geographical location of the present depots reduces the travel costs of arriving recruits and of graduating Marines. The Marine Corps finds the present two depots and their location a satisfactory arrangement.

III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

The Marine Corps base structure is reflective of the mission to support its current and projected force structure levels. It is continually under review for potential mission changes, economy measures and other relevant developments. Currently under study is the base closure/realignment of the two recruit depots, the conclusion of which has yet to be determined.

STRATEGIC FORCES (100)

Not applicable

GENERAL PURPOSE FORCES (200)

The Marine Corps has three active Marine Amphibious Forces (MAF's). Two MAF's and a portion of the third MAF are based in the United States.

I MAF is based on the West Coast with its Headquarters and the 1st Marine Division (MARDIV) located at Camp Pendleton, California. The 3d Marine Aircraft Wing (MAW), the aviation component of I MAF has its fixed wing aviation elements located at Marine Corps Air Station (MCAS), El Toro, California and MCAS, Yuma, Arizona. The helicopter elements of 3d MAF are located at MCAS (Helicopter) (MCAS (H)), Tustin, California and at the auxiliary field at Camp Pendleton. The 1st Force Service Support Group (FSSG), I MAF's logistical component is also located at Camp Pendleton. A tank battalion and long range artillery are located at Marine Corps Base (MCB), Twentynine Palms, California. An expeditionary airfield has been established to support the Marine Corps Air Ground Combat Training Center (MCAGCTC) at Twentynine Palms. The addition of a reinforced infantry battalion and the remaining two companies of the tank battalion during FY 1978 has significantly increased activity and facility requirements at MCB Twentynine Palms. The West Coast based I MAF is the follow-on force in the event of a NATO/Warsaw Pact war or a conflict in the Western Pacific area.

The 2d MARDIV, the ground combat component of II MAF, is located at Camp Lejeune, as is the logistic component, the 2d FSSG. The 2d MAF, the MAF's aviation component, has its fixed wing aviation units located at MCAS Cherry Point, North Carolina and MCAS Beaufort,

South Carolina. The helicopter units are located at MCAS (H), New River, adjacent to Camp Lejeune. The East Coast based MAF is the Marine Corps' primary force in the event of a NATO/Warsaw Pact war.

The 1st Marine Brigade (MARBDE) is stationed at MCAS Kaneohe Bay, Hawaii. The ground component of the Brigade consists of the 3d Marine Regiment of the 3d MARDIV, and associated support units. The aviation component of tactical fixed wing aviation and helicopters is also located at MCAS Kaneohe Bay. As of November 1978, one of the three infantry battalions and a portion of the aviation assets assigned to the Brigade will be continuously deployed. Dependents of the deployed personnel will be home-based at MCAS Kaneohe Bay and the requirement for facilities to support dependents will remain unchanged. The 1st Marine Brigade is immediately available for contingency operations in Asia.

III MAF, consisting of ground, aviation, and logistic components is headquartered on Okinawa, Japan. The ground combat component consists of two regiments of the 3d MARDIV reinforced and is located at several installations on Okinawa collectively known as Camp Butler, 1st Marine Brigade is located at MCAS Kaneohe Bay, Hawaii. The logistic component, 3d FSSG, is also located at Camp Butler. The Helicopter component is located at MCAS(H) Futenma, Okinawa while a portion of the tactical fixed wing aviation component is based at MCAS Iwakuni, Japan and the remainder on Okinawa. The forward based III MAF is immediately available for contingency operations in Asia.

AUXILIARY FORCES (300)

Not applicable

MISSION SUPPORT FORCES (400)

The two FMF Headquarters, Fleet Marine Force, Atlantic at Camp Elmore, Norfolk, Virginia and Fleet Marine Force, Pacific at Camp Smith, Honolulu, Hawaii are collocated with Headquarters, Commander-in-Chief, Atlantic, and Commander-in-Chief, Pacific respectively, for command, control, and communications efficiency.

The Mountain Warfare Training Center (MWTC) is located in Bridgeport, California. The Center is necessary to support unit training requirements under terrain and climate conditions not available elsewhere in the Western United States. The Marine Corps mission in support of contingency plans requires Marines to be trained and equipped for amphibious operations in the full range of climate and geographical situations. The peculiar skills required to operate in cold weather and mountainous terrain can be attained only by training in such a climate and terrain. These conditions are available at the MWTC. The MWTC also provides the Marine Corps with a ready-made training environment to place individuals and units under certain physical and mental demands paralleling those found in combat.

Marine Corps Auxiliary Landing Field (MCALF) Bogue is located in North Carolina between Camp Lejeune and MCAS Cherry Point. The installation has been altered to accommodate the Expeditionary Airfield (EAF) program which is the present mission of the airfield. The installation is divided into two geographical areas; a garrison area and an expeditionary area. The garrison area provides support and services for those personnel in EAF training and for EAF equipment evaluation. The expeditionary area includes the airfield pavements and is operated only within the capability of the installed EAF equipment to retain as realistic combat environment as possible. MCALF Bogue is the only installation on the East Coast that provides training for flight and ground crews, Marine Corps engineer, and Naval Construction Battalion personnel in the installation, maintenance, use, and operation of EAF equipment.

CENTRAL SUPPORT FORCES (500)

The Marine Corps has two logistic support bases, one at Albany, Georgia, and the other at Barstow, California.

The Marine Corps maintains two recruit depots, one at Parris Island, South Carolina, and the other at San Diego, California.

The Marine Corps Development and Education Command (MCDEC) is located at Quantico, Virginia. MCDEC provides the professional development training for Marine Corps officers at the basic, intermediate, and senior level as well as providing precommissioning training for all

Marine Corps officer candidates. Professional development training for Marine Staff Non-Commissioned Officers is conducted at the Marine Staff NCO Academy. Courses are also provided in communications and computer sciences for officers and enlisted. In addition, MCDEC develops the doctrine, tactics, techniques and equipment employed by landing forces in amphibious operations.

Henderson Hall is located adjacent to Headquarters Marine Corps in Arlington, Virginia. Henderson Hall provides services and support to Headquarters Marine Corps, including but not limited to enlisted member's billeting and messing, enlisted and Staff Non-commissioned Officer clubs, post exchange services, and recreational facilities. Henderson Hall's collocation with Headquarters Marine Corps increases the efficiency of the support services it provides.

Marine Corps Air Facility (MCAF), Quantico provides maintenance and support facilities for HMX-1. HMX-1 provides helicopter support for the President of the United States, the Vice President, members of the Cabinet, and foreign dignitaries. MCAF Quantico is situated within easy supporting distance of the Capital.

INDIVIDUALS (600)

Not applicable

IV. BASE OPERATIONS COSTS (BOC) FOR FY 1980

A summary of the estimated FY 1980 Base Operating Costs as defined in the Introduction follows:

TABLE XIV

MAJOR DEFENSE PROGRAMS

MARINE CORPS BASE OPERATIONS COSTS (\$ MILLIONS) 1/

<u>Major Defense Programs</u>	<u>Fifty States</u>	<u>U.S. Territories and Possessions</u>	<u>Foreign Overseas Areas</u>	<u>Total</u>
Strategic (01)	-	-	-	-
General Purpose (02)	371.2	-	102.2	473.4
Intell. & Comm. (03)	-	-	-	-
Air/Sealift (04)	-	-	-	-
Guard & Reserve (05)	7.2	-	-	7.2
Research & Develop. (06)	-	-	-	-
Cent. Supply & Maint. (07)	60.4	-	0.5	60.9
Trng. Med. & Other Pers. (08)	108.4	-	-	108.4
Admin. & Assoc. (09)	5.3	-	-	5.3
Spt. of Other Nations (10)	-	-	-	-
TOTAL MARINE CORPS	552.5	-	102.7	655.2

1/ Includes reimbursable amounts.

V. ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

The Marine Corps continues to pursue all possible means to reduce base operations costs, including:

1. The investigation of potential base closure/realignment actions for Recruit Depots, Parris Island, South Carolina and San Diego, California.
2. The construction of nine projects under the Energy Conservation Investment Program (ECIP).
3. The implementation of the Navy Automated Civilian Manpower Information System (NACMIS), a central source of data for all Department of Navy civilian personnel.

SECTION VI

MARINE CORPS BASE STRUCTURE

TABLE XV

SUMMARY OF NUMBER OF USMC INSTALLATIONS, ACTIVITIES AND PROPERTIES

<u>Mission Category (IDPPC)</u>	<u>Fifty States</u>	<u>U.S. Territories and Possessions</u>	<u>Foreign Areas</u>	<u>Total</u>
STRATEGIC FORCE				
- None				
GENERAL PURPOSE FORCES				
- General Purpose (202)	16		3	19
AUXILIARY FORCES				
- None				
MISSION SUPPORT FORCES				
- General Purpose (402)	4			4
CENTRAL SUPPORT FORCES				
- Central Supply and Maintenance (507)	2			2
- Training, Medical and Other Personnel (508)	3			3
INDIVIDUALS				
- None				
TOTAL USMC	25		3	28

UNCLASSIFIED

 DEPARTMENT OF DEFENSE
 MARINE CORPS BASE STRUCTURE
 GENERAL PURPOSE FORCES
 UNITED STATES
 FY 1960

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Purs.	Rank	Land Area	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (202)									
ARIZONA									
MCAS, YUMA	YUMA	2838	374	3212	3583	6	2929	9	JET TNG & OPERATIONAL SUPPORT
CALIFORNIA									
MCAS, EL TORO	IRVINE	8598	864	9462	9639	4	5219	6	HO 3RD MAW/JET TNG/OPER SPT
MC BASE, CAMP PEMOLETON	OCEANSIDE	29549	1716	31265	32706	2	185925	2	HO 1ST MARDIV/IRP TNG/OPER SPT
MC WAREHNS TNG CTR, BRIDGEPORT, CA	BRIDGEPORT	17	17	17	17	10	60613	4	TRAINING AREA
MC BASE, TWENTYNINE PALMS	PALM SPRINGS	5720	365	6085	7976	6	595589	1	HO FORTBPS PAC/MCAGTC MCEC SCH
MCAS (H), TUSTIN	TUSTIN	2290	35	2325	2622	9	1687	11	MAA-16/HELO TRAINING/OPERATION
HAWAII									
MCAS, LANEYNE BAY	KAILUA	8072	449	8521	8527	5	39356	5	1ST MARBDE/JET & HELO TNG OPNS
NORTH CAROLINA									
MCAS, CHERRY POINT	HAVELOCK	8423	3793	12716	12940	3	26583	6	HO 2ND MAW/JET TNG & OPNS/MARF
MCALF, NEW HANOVER, NC	WILMINGTON						1290	13	AVIATION PROFICIENCY TRAINING
MCALF, ATLANTIC, NC	HAVERLY						1469	12	AVIATION PROFICIENCY TRAINING
MCALF, DOUGLE, NC	SVANBORO						837	15	2ND MAW/EXERCITION AIRFLD TNG
MC BASE, CAMP LEJUNE	JACKSONVILLE	29286	2442	31728	34063	1	87302	3	HO 2ND MARDIV/IRP TNG/OPN SPT
MCALF, CAMP DAVIS	JACKSONVILLE						957	15	AVIATION PROFICIENCY TRAINING
MCAS (H), NEW RIVER, NC	JACKSONVILLE						2773	10	MAG 26/TNP TNG/OPER SUPPORT
MCALF, OAK GROVE, NC	ELM LICK						976	14	AVIATION PROFICIENCY TRAINING
SOUTH CAROLINA									
MCAS, BLAUDDORT	BEAUFORT	3257	413	3670	3676	7	6675	7	MAG-31/JET TNG/OPN SUPPORT

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DEPARTMENT OF DEFENSE
MARINE CORPS BASE STRUCTURE
GENERAL PURPOSE FORCES
Military Installations Used By
the U.S. Forces in Far East Area
(Y 1960)

Installation	City	AFIA Mil	AFIA Civ	AFIA Tot	Total Pers	Land Area Acres	Rank	Major Unit Activity Function
GENERAL PURPOSE (702)								
JAPAN								
MARINE CORPS BASE, CAMP BUTLER	FUJERU, OSAKAWA	10801	1012	18618	18618	1	92404	1 TRAINING/OPERATIONAL SUPPORT
MARINE CORPS AIR STA., FUJERU	FUJERU, OSAKAWA	3247	48	3292	3292	3	1222	3 HELICOPTER TRAINING
MARINE CORPS AIR STA., TAMAOKI	TAMAOKI	4451	838	5286	5286	2	6504	2 JET TRAINER/OPERATIONAL SPT

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DEPARTMENT OF DEFENSE
MAXINE CUNYPS BASE STRUCTURE
MISSION SUPPORT FORCES
UNITED STATES
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Land Area	Major Unit	Activity-Function
GENERAL PURPOSE (402)								
DIST OF COLUMBIA MARINE BARACKS 8TH & 1 ST	WASHINGTON	84C	32	1210	1010	4	3	CEREMONIES/SECURITY/MC INST
MAJALL CAMP H. M. SMITH	NEWARK, NJ	14:1	28	1038	1038	2	407	1 1/2 FMF PAC/NO CINCPAC
VIRGINIA CAMP ELMORE HRC. HENDERSON HILL	NEWPORT WASHINGTON DC	720 2042	7 32	720 3284	727 2708	4 1	28 21	2 HQ FMF LANT 3 HQ USMC

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DEPARTMENT OF DEFENSE
MARINE CORPS BASE STRUCTURE
CENTRAL SUPPORT FORCES
UNITED STATES
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Lead Area	Major Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (SO)								
CALIFORNIA MC LOGISTICS BASE, PAC	BARTON	932	1986	2918	2943	2	5887	1 DEPOT MAINT/SUPPLY & STORAGE
GEORGIA MC LOGISTICS BASE, LAC	ALBANY	1149	2248	3398	3493	1	3327	2 MAINT/SUPPLY & STORAGE DEPOT
TRAINING, MEDICAL AND OTHER PERSONNEL (SO)								
CALIFORNIA MC RECRUIT DEPOT, SAN DIEGO	SAN DIEGO	10727	275	11002	17130	2	441	3 RECRUIT TRAINING
SOUTH CAROLINA MC RECRUIT DEPOT, PARRIS ISLAND	SAVANNAH, GA	11136	819	11955	18104	1	8080	2 RECRUIT TRAINING
VIRGINIA MC INV & FU CMD, QUANTICO	FREDERICKSBURG	6492	1423	7915	9781	3	60646	1 OFF PROF TRNG/SKILL TRNG/RED CTR

DEPARTMENT OF DEFENSE

BASE STRUCTURE STUDY

List of Abbreviations

(C)	• Contractor Operated
(I)	• Inactive
AAA	• Anti Aircraft Artillery
AAF	• Auxiliary Air Field
ACT	• Activity
AD	• Air Defense
ADMIN	• Administration
AF	• Air Force
AFB	• Air Force Base
AFP	• Air Force Plant
AFR	• Air Force Reserve
AFRC	• Armed Forces Reserve Center
AFS	• Air Force Station
AFSC	• Air Force Systems Command
AIRCFT	• Aircraft
ALF	• Auxiliary Land Field
AMMO	• Ammunition
AMPHIB	• Amphibious
ANG	• Air National Guard
ANX	• Annex
ASW	• Anti Submarine Warfare
BN	• Battalion
BOMB	• Bombardment
CDEC	• (Army) Combat Development Experimentation Command
CINCPAC	• Commander in Chief, Pacific
CMD	• Command
COMM	• Communications
CONST	• Construction
CTR	• Center
DEF	• Defense
DET	• Detachment
DEV	• Development
DIA	• Defense Intelligence Agency
DIV	• Division
DLA	• Defense Logistics Agency
DMA	• Defense Mapping Agency
E, PAC	• Eastern Pacific
ED	• Education
FAC	• Facility
FIG	• Fighter Interceptor Group
FLD	• Field
FMP	• Fleet Marine Force
FORSCOM	• (Army) Forces Command
FORTPS	• Force Troops
GP	• Group
HELO	• Helicopter
HQ	• Headquarters

DEPARTMENT OF DEFENSE

BASE STRUCTURE STUDY

List of Abbreviations

IAP	- International Airport
IND	- Industrial
INST	- Institute
LANT	- Atlantic
MAG	- Marine Air Group
MAINT	- Maintenance
MARBDE	- Marine Brigade
MARDIV	- Marine Division
MAW	- Marine Air Wing
MC	- Marine Corps
MCAGTC	- Marine Corps Air/Ground Training Center
MCAS	- Marine Corps Air Station
MCCES	- Marine Corps Communications and Electronics School
MECH	- Mechanized
MED	- Medical
MIL	- Military
MISC	- Miscellaneous
MSL	- Missile
NARF	- Naval Air Rework Facility
NAS	- Naval Air Station
NAV	- Naval
NAVCOMS	- Naval Communications Area Master Station
NSA	- National Security Agency
NSWC	- Naval Surface Weapons Center
OFF	- Officer
OLF	- Outlying Landing Field
OPER	- Operational
OPNS	- Operations
ORG	- Organization
PAC	- Pacific
PLT	- Plant
PRO	- Program
PROC	- Procurement
PROF	- Professional
PT	- Point
PUB	- Public
R&D	- Research and Development
RAF	- Royal Air Force
RC	- Reserve Component
RDTE	- Research, Development, Test and Evaluation
RECON	- Reconnaissance
REG	- Regional
RES	- Reservation
SCH	- School
STA	- Station
STRAT	- Strategic
SUB	- Submarine

DEPARTMENT OF DEFENSE

BASE STRUCTURE STUDY

List of Abbreviations

SYS	•	Systems
T&E	•	Test and Evaluation
TAC	•	(Air Force) Tactical Air Command
TAG	•	Tactical Airlift Group
TAW	•	Tactical Airlift Wing
TECH	•	Technical
TFG	•	Tactical Fighter Group
TNG	•	Training
TRADOC	•	(Army) Training and Doctrine Command
TRP	•	Troop
USMA	•	U. S. Military Academy
USMC	•	U. S. Marine Corps
WG	•	Wing
WKS	•	Works
WRG	•	Weapons Range